



CIRCULAR

SERIES

Mini A Cable Assembly

Product Specifications

General Data

Number of Positions	2/7/8P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	CC: 5A , EA: 10+1A
Voltage Rating	48V
Contact Resistance	≤ 10mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	2-Point Bayonet Lock
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

VAAAX XX X XX - LLC7XXX

Connector Gender
F - Female
M - Male

Current Rating
CC - 5A
EA - 10A+1A

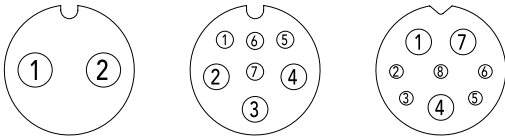
Cable Type / Length (M)
A01~A99

Number of Contacts
02, 07, 08

Contact Type
F - Female
M - Male

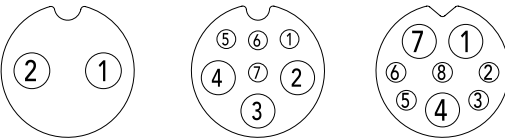
VAA Series
PIN NO.

Male Conn.
Male Pin



VAA Series
PIN NO.

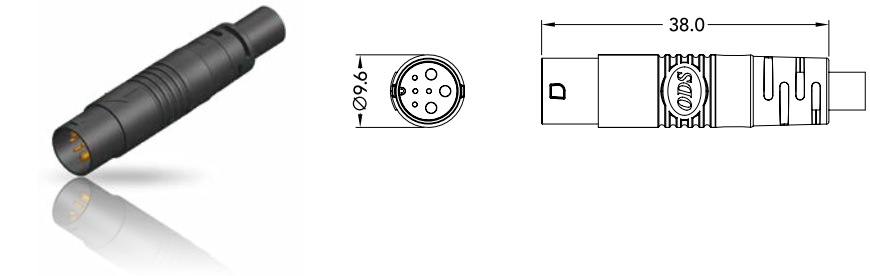
Female Conn.
Female Pin



Mini A Cable Assembly Straight, IPX7 (Mated)

Features and Benefits

- Male Connector, Male Pin
- 2-Point Bayonet Lock
- Temperature Range -20°C ~80°C
- Small, compact design for miniature sensors and space sensitive applications
- Up to 1,000 mating cycles
- Wide selection of cables to fit applications
- Configurable & customizable



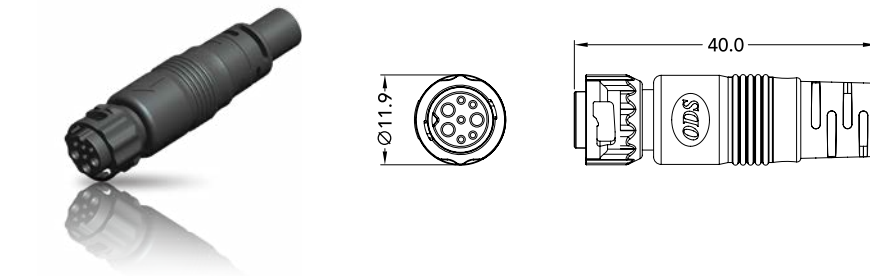
Part Number	Conatct	Current	Voltage
VAAAM02MCC-LLC7AXX	2Pin	5A	48V

Part Number	Conatct	Current	Voltage
VAAAM07MEA-LLC7AXX	3+4Pin	10A+1A	48V
VAAAM08MEA-LLC7AXX	3+5Pin	10A+1A	48V

Mini A Cable Assembly Straight, IPX7 (Mated)

Features and Benefits

- Female Connector, Female Pin
- 2-Point Bayonet Lock
- Temperature Range -20°C ~80°C
- Small, compact design for miniature sensors and space sensitive applications
- Up to 1,000 mating cycles
- Wide selection of cables to fit applications
- Configurable & customizable



Part Number	Conatct	Current	Voltage
VAAAF02FCC-LLC7AXX	2Pin	5A	48V

Part Number	Conatct	Current	Voltage
VAAAF07FEA-LLC7AXX	3+4Pin	10A+1A	48V
VAAAF08FEA-LLC7AXX	3+5Pin	10A+1A	48V

Mini A Accessory Cap IPX7 (Mated)

Features and Benefits

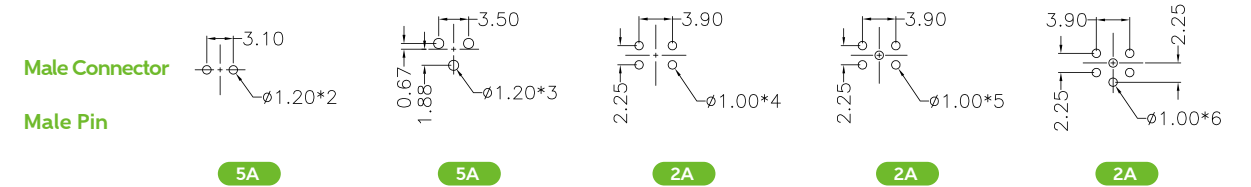
- One sealing surface means less likelihood of failure
- Maintains IPX7 rating for functional integrity when connector is not mated
- IPX7 rating ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description	Part Number	Series	Description
CPVPCFFLN71	VAA	Male Plastic 2P Lock Cap	CPVPPMMLN71	VAA	Female Plastic 2P Lock Cap



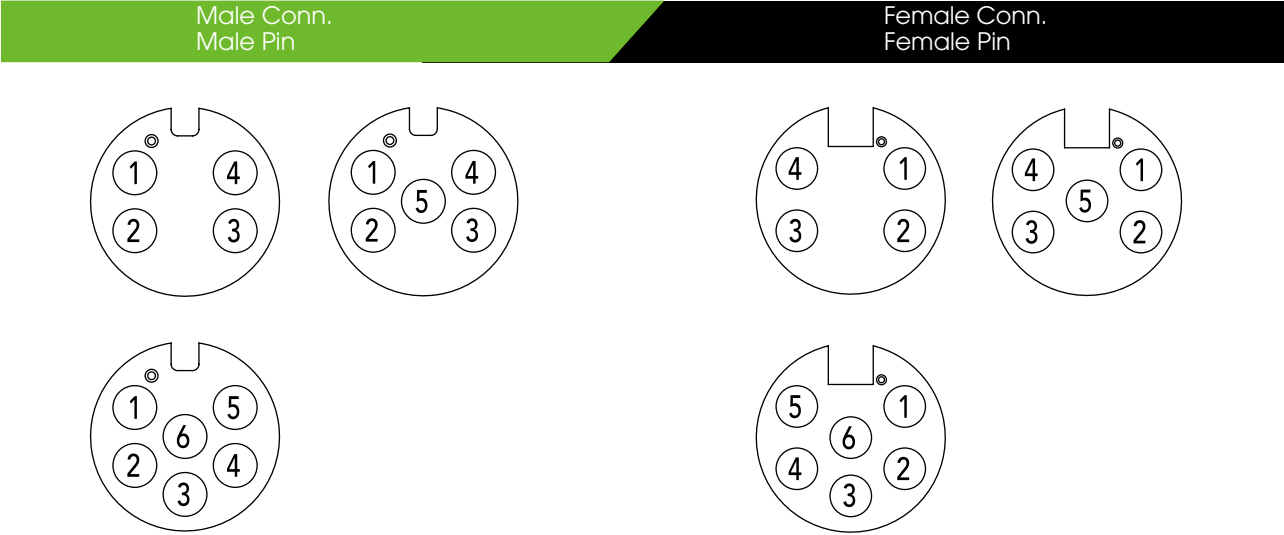
CCA Receptacle

PCB LAYOUT CCA



CCA Series PIN NO.

Current 2A



Current 5A



CCA Receptacle

Product Specifications

General Data

Size	7/16"-28UNS
Number of Positions	2~6P
Contact Housing	Nylon + GF
Shell / Screw Nut	Nylon + GF or Copper or Zinc Alloy, Nickel Plated
Terminal	Copper Alloy, Gold Plated

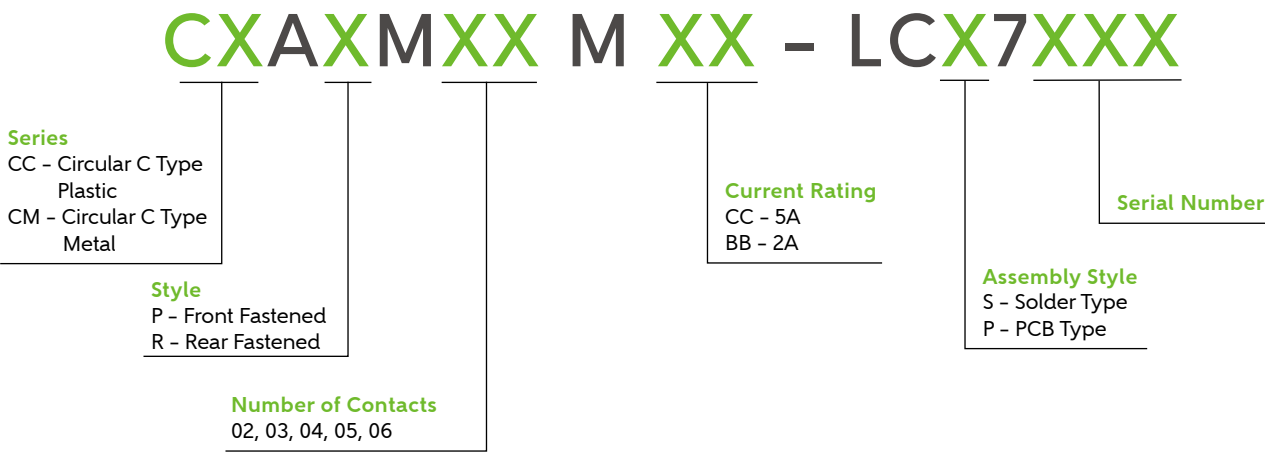
Electrical Data

Current Rating	BB: 2A, CC: 5A
Voltage Rating	2~3P: 250V; 4~6P: 125V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

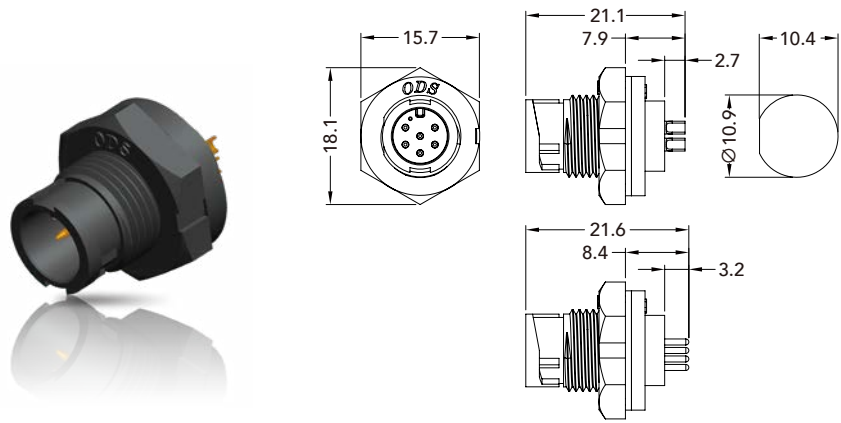
Environmental Data

Mating Style	2-Point Bayonet Lock
Max Panel Thickness	Plastic: 4.5mm (Without Cap Chain) Metal: 3.5mm (Without Cap Chain)
Temperature Range	-40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Unmated)
Durability	1000 Times

How to Order



CCA Receptacle 7/16"-28UNS, Front Fastened, IPX7



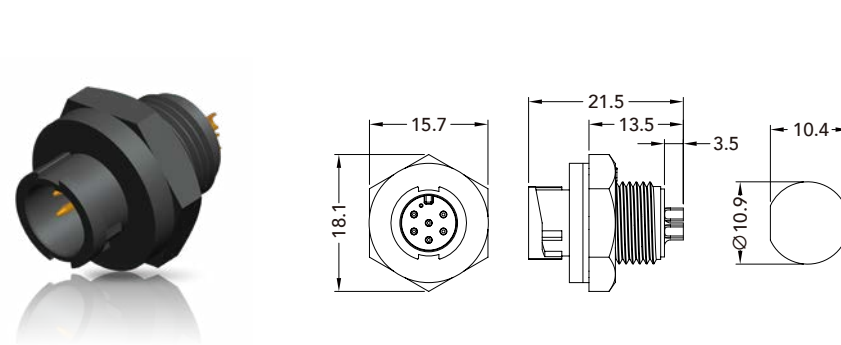
Features and Benefits

- Male Connector, Male Pin
- Size 7/16"-28UNS
- 2-Point Bayonet Lock
- Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CCAPM02MCC-LCS7001	2Pin	5A	250V	Solder
CCAPM03MCC-LCS7001	3Pin	5A	250V	Solder
CCAPM04MBB-LCS7001	4Pin	2A	125V	Solder
CCAPM05MBB-LCS7001	5Pin	2A	125V	Solder
CCAPM06MBB-LCS7001	6Pin	2A	125V	Solder

Part Number	Conatct	Current	Voltage	Ass'y Type
CCAPM02MCC-LCP7001	2Pin	5A	250V	PCB Straight
CCAPM03MCC-LCP7001	3Pin	5A	250V	PCB Straight
CCAPM04MBB-LCP7001	4Pin	2A	125V	PCB Straight
CCAPM05MBB-LCP7001	5Pin	2A	125V	PCB Straight
CCAPM06MBB-LCP7001	6Pin	2A	125V	PCB Straight

CCA Receptacle 7/16"-28UNS, Rear Fastened, IPX7

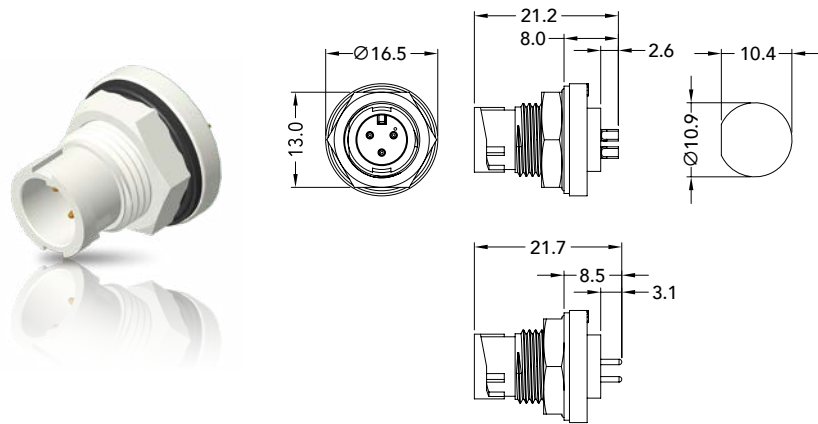


Features and Benefits

- Male Connector, Male Pin
- Size 7/16"-28UNS
- 2-Point Bayonet Lock
- Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CCARM02MCC-LCS7001	2Pin	5A	250V	Solder
CCARM03MCC-LCS7001	3Pin	5A	250V	Solder
CCARM04MBB-LCS7001	4Pin	2A	125V	Solder
CCARM05MBB-LCS7001	5Pin	2A	125V	Solder
CCARM06MBB-LCS7001	6Pin	2A	125V	Solder

❖ CMA Receptacle Metal 7/16"-28UNS, Front Fastened, IPX7



- Features and Benefits**
- Male Connector, Male Pin
 - Size 7/16"-28UNS
 - 2-Point Bayonet Lock
 - Shielded for high noise immunity
 - Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CMAPM02MCC-LCS7001	2Pin	5A	250V	Solder
CMAPM03MCC-LCS7001	3Pin	5A	250V	Solder

Part Number	Conatct	Current	Voltage	Ass'y Type
CMAPM02MCC-LCP7001	2Pin	5A	250V	PCB Straight
CMAPM03MCC-LCP7001	3Pin	5A	250V	PCB Straight

❖ CCA Cable Assembly

Product Specifications

General Data

Size	7/16"-28UNS
Number of Positions	2~6P
Contact Housing	Nylon + GF
Screw Nut	Nylon + GF
Terminal	Copper Alloy, Gold Plated

Environmental Data

Mating Style	2-Point Bayonet Lock
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

Electrical Data

Current Rating	BB: 2A, CC: 5A
Voltage Rating	2~3P: 250V; 4~6P: 125V
Contact Resistance	≤ 10mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

❖ How to Order

CCAAX XX X XX - LXC7XXX

Connector Gender
F - Female
M - Male

Number of Contacts
02, 03, 04, 05, 06

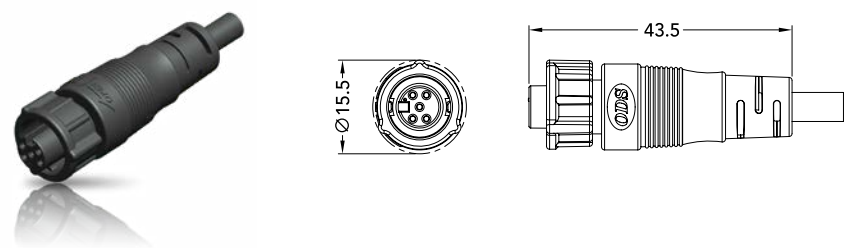
Current Rating
CC - 5A
BB - 2A

Contact Type
F - Female
M - Male

Back Shell
L - Straight(180°)
R - Right Angle (90°)

Cable Type / Length (M)
A01~A99
B01~B99

CCA Cable Assembly 7/16"-28UNS, Straight, IPX7 (Mated)

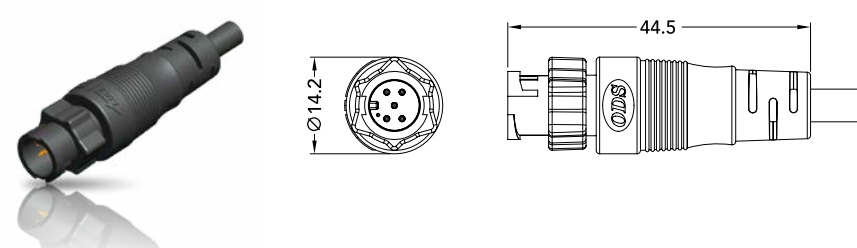


- Features and Benefits
- Female Connector, Female Pin
 - Size 7/16"-28UNS
 - 2-Point Bayonet Lock
 - Wide selection of cables to fit applications
 - Configurable & customizable

Part Number	Conatct	Current	Voltage
CCAAF02FCC-LLC7AXX	2Pin	5A	250V
CCAAF03FCC-LLC7AXX	3Pin	5A	250V
CCAAF04FBB-LLC7AXX	4Pin	2A	125V

Part Number	Conatct	Current	Voltage
CCAAF05FBB-LLC7AXX	5Pin	2A	125V
CCAAF06FBB-LLC7AXX	6Pin	2A	125V

CCA Cable Assembly 7/16"-28UNS, Straight, IPX7 (Mated)

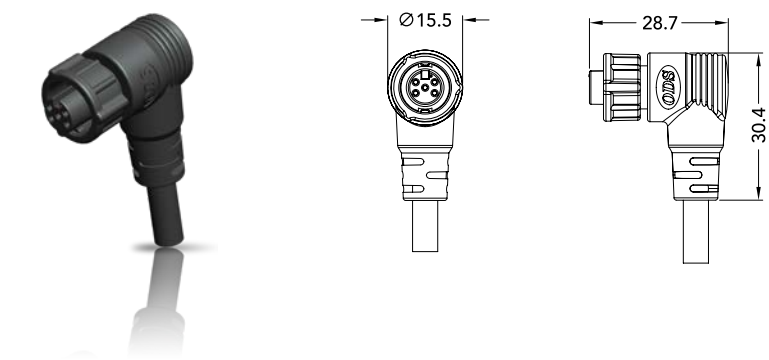


- Features and Benefits
- Male Connector, Male Pin
 - Size 7/16"-28UNS
 - 2-Point Bayonet Lock
 - Wide selection of cables to fit applications
 - Configurable & customizable

Part Number	Conatct	Current	Voltage
CCAAM02MCC-LLC7AXX	2Pin	5A	250V
CCAAM03MCC-LLC7AXX	3Pin	5A	250V
CCAAM04MBB-LLC7AXX	4Pin	2A	125V

Part Number	Conatct	Current	Voltage
CCAAM05MBB-LLC7AXX	5Pin	2A	125V
CCAAM06MBB-LLC7AXX	6Pin	2A	125V

CCA Cable Assembly 7/16"-28UNS, Angled, IPX7 (Mated)



- Features and Benefits
- Female Connector, Female Pin
 - Size 7/16"-28UNS
 - 2-Point Bayonet Lock
 - Wide selection of cables to fit applications
 - Configurable & customizable

Part Number	Conatct	Current	Voltage
CCAAF02FCC-LRC7AXX	2Pin	5A	250V
CCAAF03FCC-LRC7AXX	3Pin	5A	250V
CCAAF04FBB-LRC7AXX	4Pin	2A	125V

Part Number	Conatct	Current	Voltage
CCAAF05FBB-LRC7AXX	5Pin	2A	125V
CCAAF06FBB-LRC7AXX	6Pin	2A	125V

CCA Accessory Cap IPX7 (Mated)

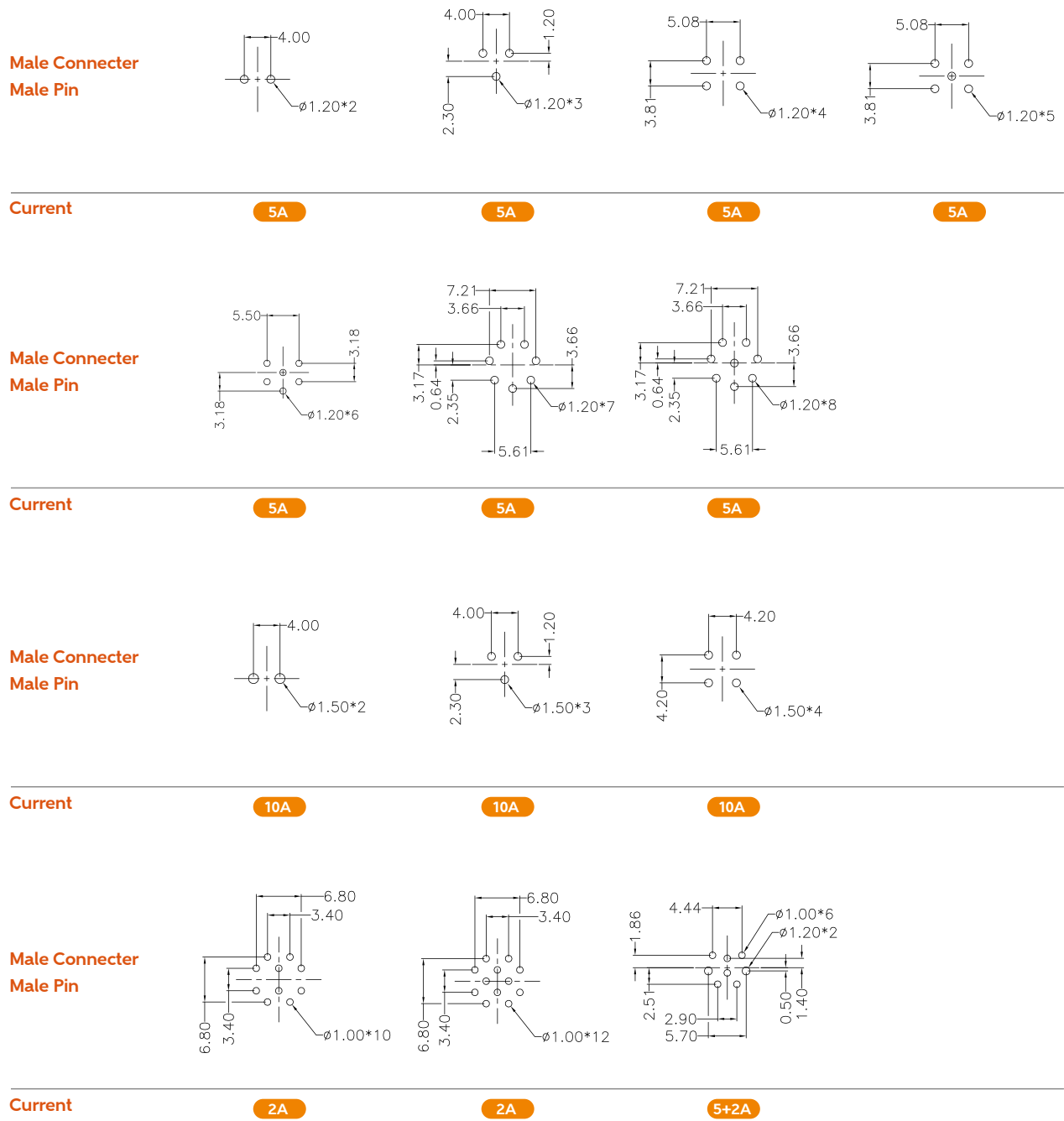
- Features and Benefits
- One sealing surface means less likelihood of failure
 - Maintains IPX7 rating for functional integrity when connector is not mated
 - IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description	Part Number	Series	Description
CPAPCFCLN71	CCA	Male Plastic 2P Lock Cap	CPAPPMCLP71	CCA	Female Plastic 2P Lock Cap, With Rubber Chain



CCB Receptacle

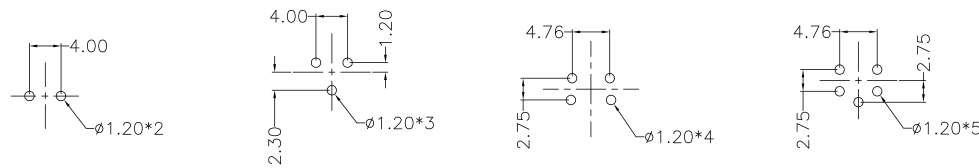
PCB LAYOUT CCB MM



CCB Receptacle

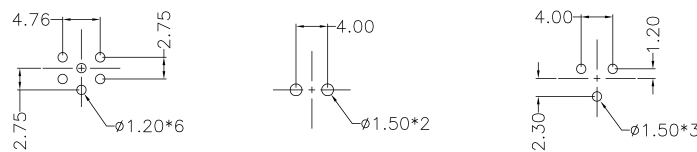
PCB LAYOUT CCB MF

Male Connector
Female Pin



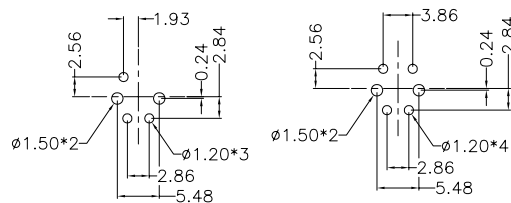
Current 5A 5A 5A 5A

Male Connector
Female Pin



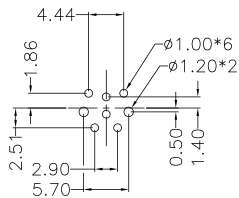
Current 5A 10A 10A

Male Connector
Female Pin



Current 10A+5A 10A+5A

Male Connector
Female Pin

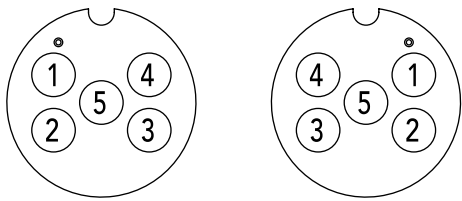
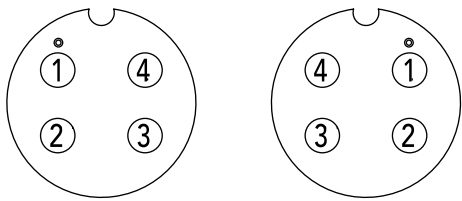
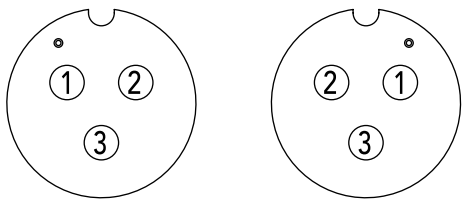
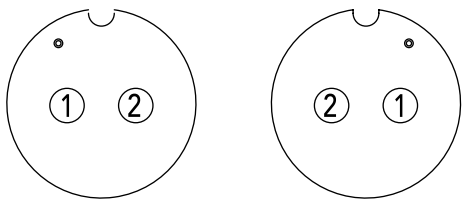


Current 5A+2A

CCB Series PIN NO.

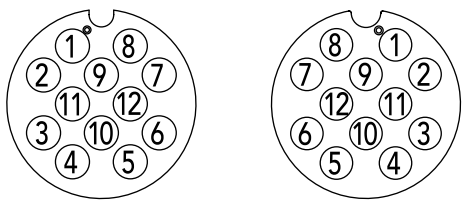
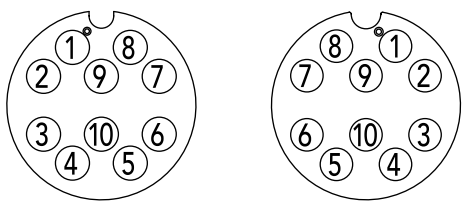
Current 5A

Male Conn. Male Pin Female Conn. Female Pin



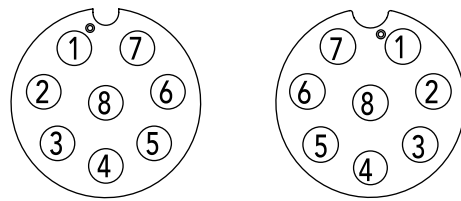
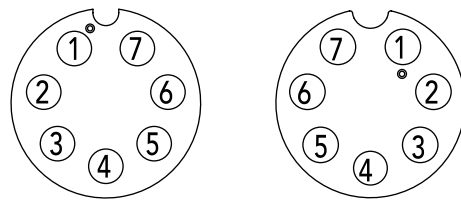
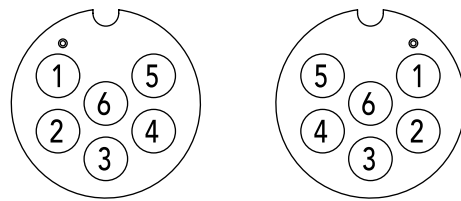
Current 2A

Male Conn. Male Pin Female Conn. Female Pin



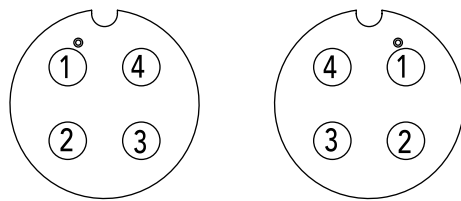
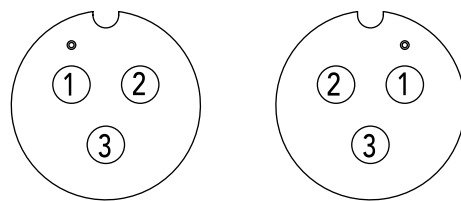
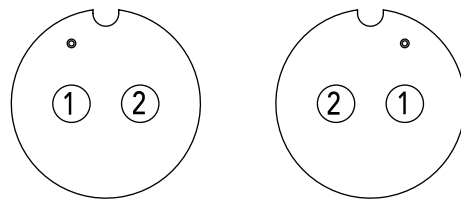
Current 5A

Male Conn. Male Pin Female Conn. Female Pin



Current 10A

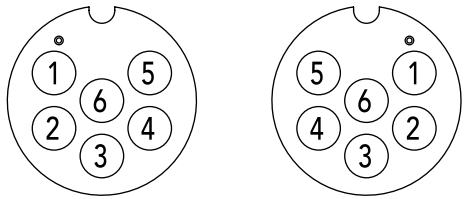
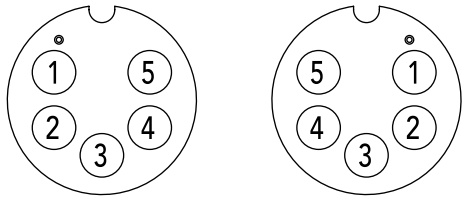
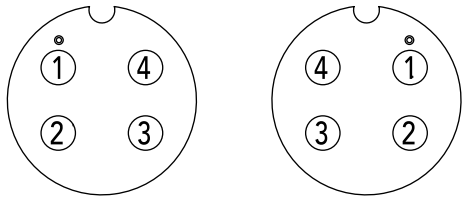
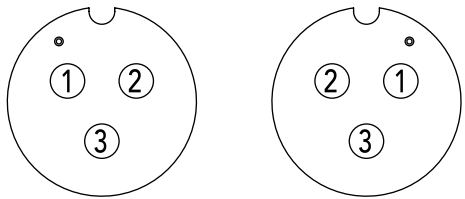
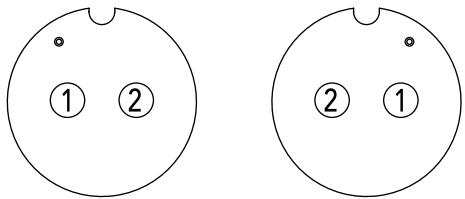
Male Conn. Male Pin Female Conn. Female Pin



CCB Series PIN NO.

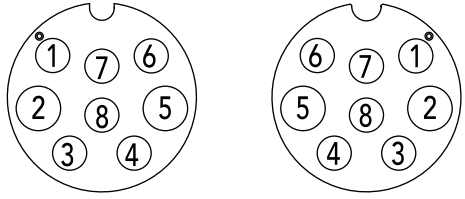
Current 5A

Male Conn. Female Pin	Female Conn. Male Pin
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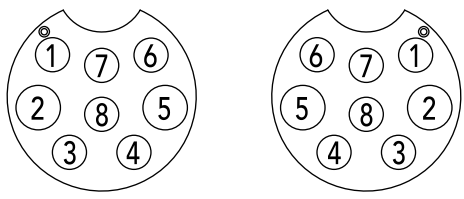
Current 5A+2A

Male Conn. Male Pin	Female Conn. Female Pin
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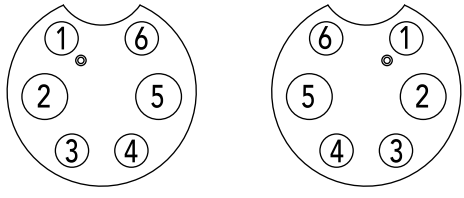
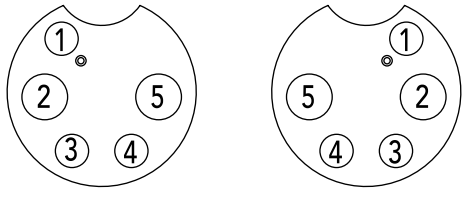
Current 5A+2A

Male Conn. Female Pin	Female Conn. Male Pin
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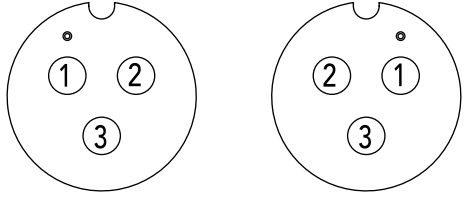
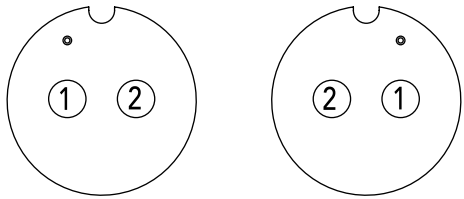
Current 10A+5A

Male Conn. Female Pin	Female Conn. Male Pin
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Current 10A

Male Conn. Female Pin	Female Conn. Male Pin
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CCB Receptacle

Product Specifications

General Data

Size	5/8"-27UNS
Number of Positions	2~8; 10; 12P
Contact Housing	Nylon + GF
Shell / Screw Nut	Nylon + GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A EC: 10+5A , CB: 5+2A
Voltage Rating	2~4P: 250V ; 5~8P: 125V ; 10/12P: 50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Max Panel Thickness	4.5mm (Without Cap Chain)
Temperature Range	-40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Unmated)
Durability	1000 Times

How to Order

CCB X M XX X XX - KCX7XXX

Style
P - Front Fastened
R - Rear Fastened

Number of Contacts
02, 03, 04, 05, 06, 07, 08, 10, 12

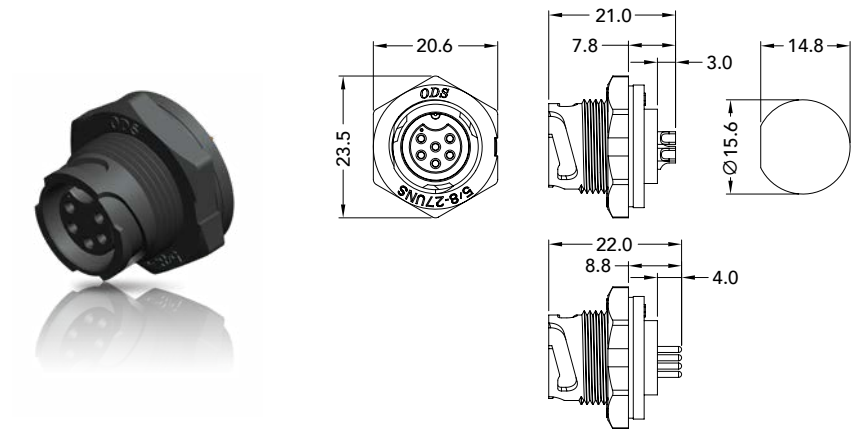
Current Rating
BB - 2A
CC - 5A
CB - 5+2A
EE - 10A
EC - 10+5A

Contact Type
F - Female
M - Male

Serial Number

Assembly Style
S - Solder Type
P - PCB Type

CCB Receptacle 5/8"-27UNS, Front Fastened, IPX7



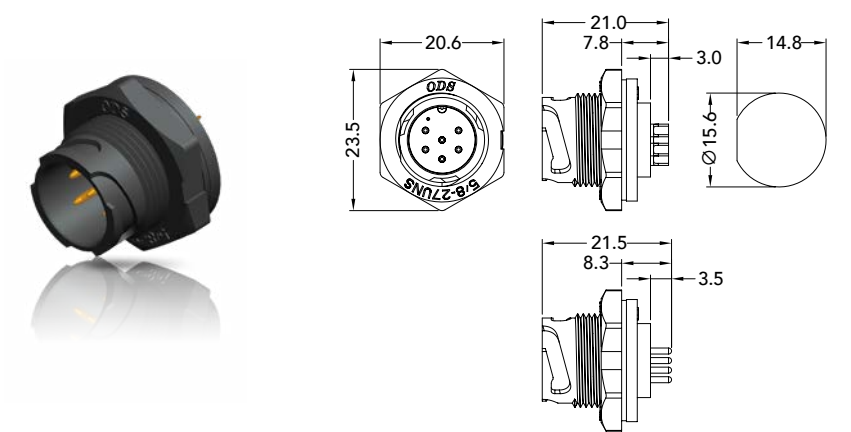
Features and Benefits

- Male Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBPM02FCC-KCS7001	2Pin	5A	250V	Solder
CCBPM03FCC-KCS7001	3Pin	5A	250V	Solder
CCBPM04FCC-KCS7001	4Pin	5A	250V	Solder
CCBPM05FCC-KCS7001	5Pin	5A	125V	Solder
CCBPM06FCC-KCS7001	6Pin	5A	125V	Solder
CCBPM02FEE-KCS7001	2Pin	10A	250V	Solder
CCBPM03FEE-KCS7001	3Pin	10A	250V	Solder
CCBPM05FEC-KCS7001	2+3Pin	10A+5A	125V	Solder
CCBPM06FEC-KCS7001	2+4Pin	10A+5A	125V	Solder
CCBPM08FCB-KCS7001	2+6Pin	5A+2A	125V	Solder

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBPM02FCC-KCP7001	2Pin	5A	250V	PCB Straight
CCBPM03FCC-KCP7001	3Pin	5A	250V	PCB Straight
CCBPM04FCC-KCP7001	4Pin	5A	250V	PCB Straight
CCBPM05FCC-KCP7001	5Pin	5A	125V	PCB Straight
CCBPM06FCC-KCP7001	6Pin	5A	125V	PCB Straight
CCBPM02FEE-KCP7001	2Pin	10A	250V	PCB Straight
CCBPM03FEE-KCP7001	3Pin	10A	250V	PCB Straight
CCBPM05FEC-KCP7001	2+3Pin	10A+5A	125V	PCB Straight
CCBPM06FEC-KCP7001	2+4Pin	10A+5A	125V	PCB Straight
CCBPM08FCB-KCP7001	2+6Pin	5A+2A	125V	PCB Straight

CCB Receptacle 5/8"-27UNS, Front Fastened, IPX7



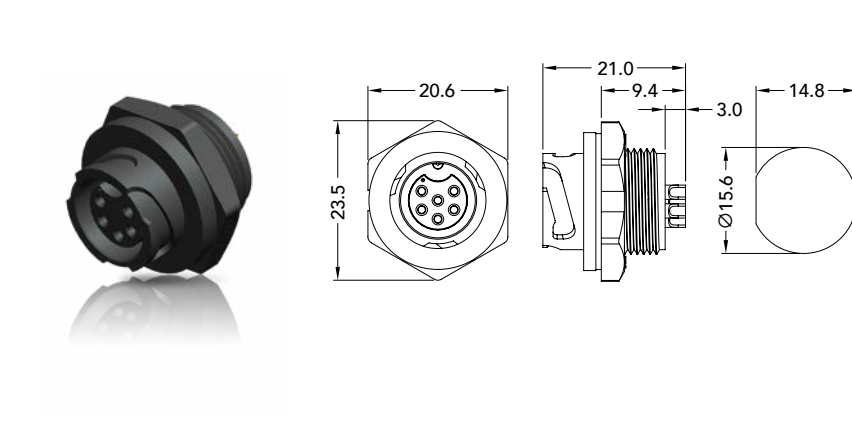
Features and Benefits

- Male Connector, Male Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBPM02MCC-KCS7001	2Pin	5A	250V	Solder
CCBPM03MCC-KCS7001	3Pin	5A	250V	Solder
CCBPM04MCC-KCS7001	4Pin	5A	250V	Solder
CCBPM05MCC-KCS7001	5Pin	5A	125V	Solder
CCBPM06MCC-KCS7001	6Pin	5A	125V	Solder
CCBPM07MCC-KCS7001	7Pin	5A	125V	Solder
CCBPM08MCC-KCS7001	8Pin	5A	125V	Solder
CCBPM02MEE-KCS7001	2Pin	10A	250V	Solder
CCBPM03MEE-KCS7001	3Pin	10A	250V	Solder
CCBPM04MEE-KCS7001	4Pin	10A	250V	Solder
CCBPM08MCB-KCS7001	2+6Pin	5A+2A	125V	Solder
CCBPM10MBB-KCS7001	10Pin	2A	50V	Solder
CCBPM12MBB-KCS7001	12Pin	2A	50V	Solder

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBPM02MCC-KCP7001	2Pin	5A	250V	PCB Straight
CCBPM03MCC-KCP7001	3Pin	5A	250V	PCB Straight
CCBPM04MCC-KCP7001	4Pin	5A	250V	PCB Straight
CCBPM05MCC-KCP7001	5Pin	5A	125V	PCB Straight
CCBPM06MCC-KCP7001	6Pin	5A	125V	PCB Straight
CCBPM07MCC-KCP7001	7Pin	5A	125V	PCB Straight
CCBPM08MCC-KCP7001	8Pin	5A	125V	PCB Straight
CCBPM02MEE-KCP7001	2Pin	10A	250V	PCB Straight
CCBPM03MEE-KCP7001	3Pin	10A	250V	PCB Straight
CCBPM04MEE-KCP7001	4Pin	10A	250V	PCB Straight
CCBPM08MCB-KCP7001	2+6Pin	5A+2A	125V	PCB Straight
CCBPM10MBB-KCP7001	10Pin	2A	50V	PCB Straight
CCBPM12MBB-KCP7001	12Pin	2A	50V	PCB Straight

CCB Receptacle 5/8"-27UNS, Rear Fastened, IPX7



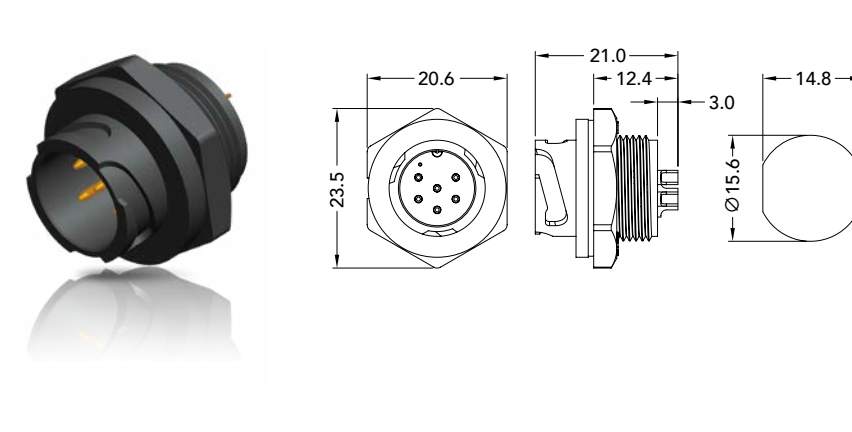
Features and Benefits

- Male Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBRM02FCC-KCS7001	2Pin	5A	250V	Solder
CCBRM03FCC-KCS7001	3Pin	5A	250V	Solder
CCBRM04FCC-KCS7001	4Pin	5A	250V	Solder
CCBRM05FCC-KCS7001	5Pin	5A	125V	Solder
CCBRM06FCC-KCS7001	6Pin	5A	125V	Solder

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBRM02FEE-KCS7001	2Pin	10A	250V	Solder
CCBRM03FEE-KCS7001	3Pin	10A	250V	Solder
CCBRM05FEC-KCS7001	2+3Pin	10A+5A	125V	Solder
CCBRM06FEC-KCS7001	2+4Pin	10A+5A	125V	Solder
CCBRM08FCB-KCS7001	2+6Pin	5A+2A	125V	Solder

CCB Receptacle 5/8"-27UNS, Rear Fastened, IPX7



Features and Benefits

- Male Connector, Male Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBRM02MCC-KCS7001	2Pin	5A	250V	Solder
CCBRM03MCC-KCS7001	3Pin	5A	250V	Solder
CCBRM04MCC-KCS7001	4Pin	5A	250V	Solder
CCBRM05MCC-KCS7001	5Pin	5A	125V	Solder
CCBRM06MCC-KCS7001	6Pin	5A	125V	Solder
CCBRM07MCC-KCS7001	7Pin	5A	125V	Solder
CCBRM08MCC-KCS7001	8Pin	5A	125V	Solder

Part Number	Conatct	Current	Voltage	Ass'y Type
CCBRM02MEE-KCS7001	2Pin	10A	250V	Solder
CCBRM03MEE-KCS7001	3Pin	10A	250V	Solder
CCBRM04MEE-KCS7001	4Pin	10A	250V	Solder
CCBRM08MCB-KCS7001	2+6Pin	5A+2A	125V	Solder
CCBRM10MBB-KCS7001	10Pin	2A	50V	Solder
CCBRM12MBB-KCS7001	12Pin	2A	50V	Solder

CCB Cable Assembly

Product Specifications

General Data

Size	5/8"-27UNS
Number of Positions	2~8; 10; 12P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

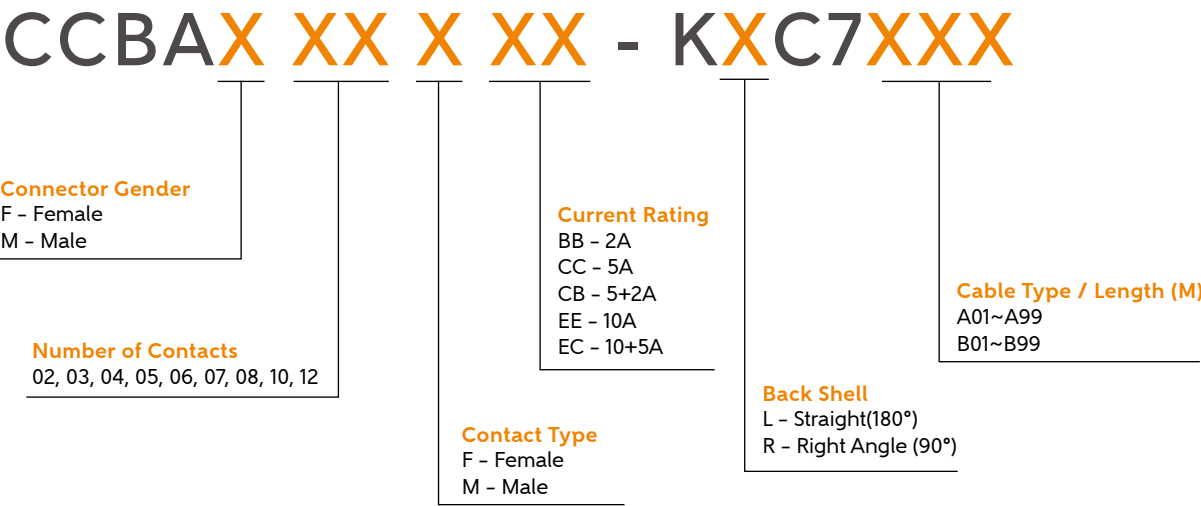
Environmental Data

Mating Style	3-Point Bayonet Lock
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

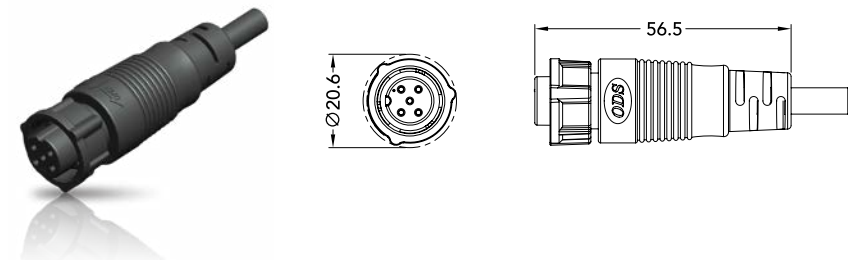
Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A EC: 10+5A , CB: 5+2A
Voltage Rating	2~4P: 250V ; 5~8P: 125V ; 10/12P: 50V
Contact Resistance	≤ 10mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

How to Order



CCB Cable Assembly 5/8"-27UNS, Straight, IPX7 (Mated)



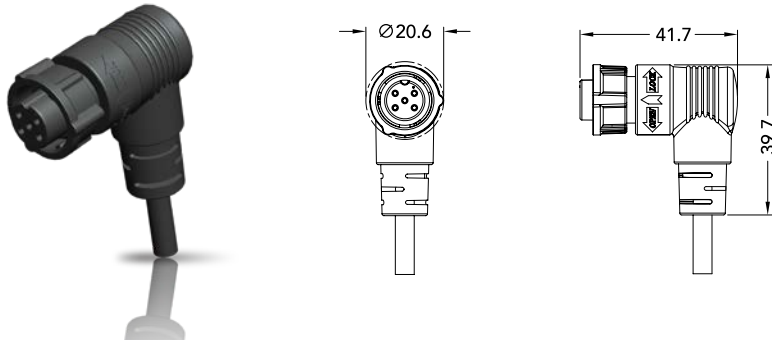
Features and Benefits

- Female Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Conatct	Current	Voltage
CCBAF02FCC-KLC7AXX	2Pin	5A	250V
CCBAF03FCC-KLC7AXX	3Pin	5A	250V
CCBAF04FCC-KLC7AXX	4Pin	5A	250V
CCBAF05FCC-KLC7AXX	5Pin	5A	125V
CCBAF06FCC-KLC7AXX	6Pin	5A	125V
CCBAF07FCC-KLC7AXX	7Pin	5A	125V
CCBAF08FCC-KLC7AXX	8Pin	5A	125V

Part Number	Conatct	Current	Voltage
CCBAF02FEE-KLC7AXX	2Pin	10A	250V
CCBAF03FEE-KLC7AXX	3Pin	10A	250V
CCBAF04FEE-KLC7AXX	4Pin	10A	250V
CCBAF08FCB-KLC7AXX	2+6Pin	5A+2A	125V
CCBAF10FBB-KLC7AXX	10Pin	2A	50V
CCBAF12FBB-KLC7AXX	12Pin	2A	50V

CCB Cable Assembly 5/8"-27UNS, Angled, IPX7 (Mated)



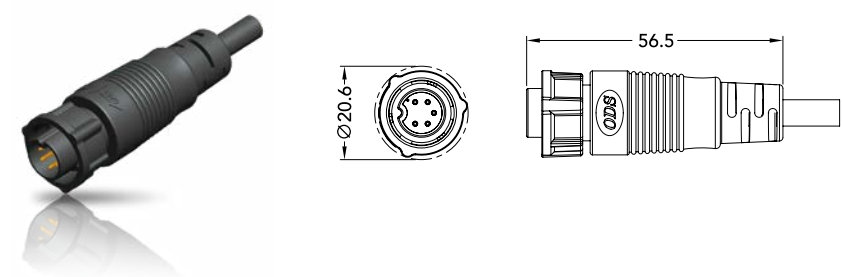
Features and Benefits

- Female Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Conatct	Current	Voltage
CCBAF02FCC-KRC7AXX	2Pin	5A	250V
CCBAF03FCC-KRC7AXX	3Pin	5A	250V
CCBAF04FCC-KRC7AXX	4Pin	5A	250V
CCBAF05FCC-KRC7AXX	5Pin	5A	125V
CCBAF06FCC-KRC7AXX	6Pin	5A	125V
CCBAF07FCC-KRC7AXX	7Pin	5A	125V
CCBAF08FCC-KRC7AXX	8Pin	5A	125V

Part Number	Conatct	Current	Voltage
CCBAF02FEE-KRC7AXX	2Pin	10A	250V
CCBAF03FEE-KRC7AXX	3Pin	10A	250V
CCBAF04FEE-KRC7AXX	4Pin	10A	250V
CCBAF08FCB-KRC7AXX	2+6Pin	5A+2A	125V
CCBAF10FBB-KRC7AXX	10Pin	2A	50V
CCBAF12FBB-KRC7AXX	12Pin	2A	50V

CCB Cable Assembly 5/8"-27UNS, Straight, IPX7 (Mated)

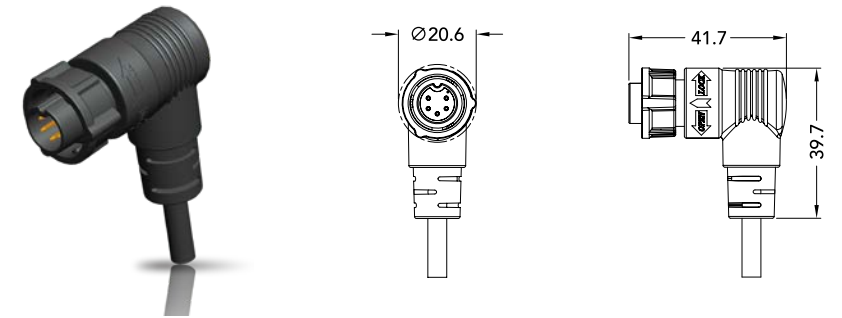


- Features and Benefits**
- Female Connector, Male Pin
 - Size 5/8"-27UNS
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Conatct	Current	Voltage
CCBAF02MCC-KLC7AXX	2Pin	5A	250V
CCBAF03MCC-KLC7AXX	3Pin	5A	250V
CCBAF04MCC-KLC7AXX	4Pin	5A	250V
CCBAF05MCC-KLC7AXX	5Pin	5A	125V
CCBAF06MCC-KLC7AXX	6Pin	5A	125V

Part Number	Conatct	Current	Voltage
CCBAF02MEE-KLC7AXX	2Pin	10A	250V
CCBAF03MEE-KLC7AXX	3Pin	10A	250V
CCBAF05MEC-KLC7AXX	2+3Pin	10A+5A	125V
CCBAF06MEC-KLC7AXX	2+4Pin	10A+5A	125V
CCBAF08MCB-KLC7AXX	2+6Pin	5A+2A	125V

CCB Cable Assembly 5/8"-27UNS, Angled, IPX7 (Mated)

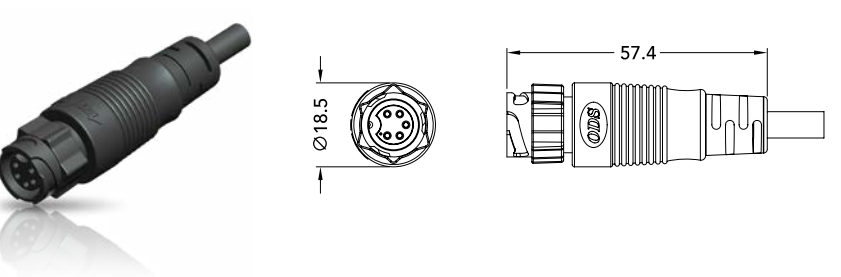


- Features and Benefits**
- Female Connector, Male Pin
 - Size 5/8"-27UNS
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Conatct	Current	Voltage
CCBAF02MCC-KRC7AXX	2Pin	5A	250V
CCBAF03MCC-KRC7AXX	3Pin	5A	250V
CCBAF04MCC-KRC7AXX	4Pin	5A	250V
CCBAF05MCC-KRC7AXX	5Pin	5A	125V
CCBAF06MCC-KRC7AXX	6Pin	5A	125V

Part Number	Conatct	Current	Voltage
CCBAF02MEE-KRC7AXX	2Pin	10A	250V
CCBAF03MEE-KRC7AXX	3Pin	10A	250V
CCBAF05MEC-KRC7AXX	2+3Pin	10A+5A	125V
CCBAF06MEC-KRC7AXX	2+4Pin	10A+5A	125V
CCBAF08MCB-KRC7AXX	2+6Pin	5A+2A	125V

CCB Cable Assembly 5/8"-27UNS, Straight, IPX7 (Mated)

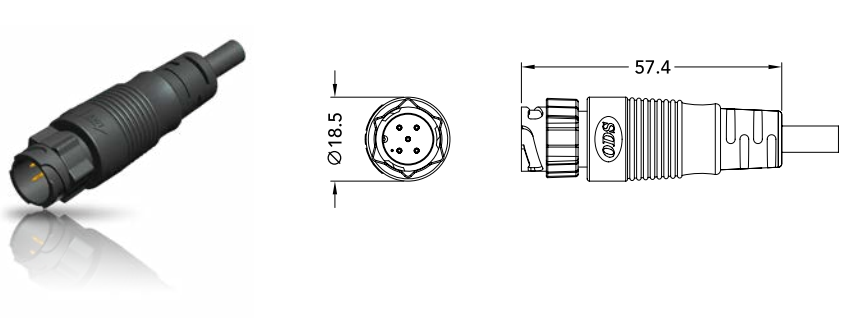


- Features and Benefits**
- Male Connector, Female Pin
 - Size 5/8"-27UNS
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Conatct	Current	Voltage
CCBAM02FCC-KLC7AXX	2Pin	5A	250V
CCBAM03FCC-KLC7AXX	3Pin	5A	250V
CCBAM04FCC-KLC7AXX	4Pin	5A	250V
CCBAM05FCC-KLC7AXX	5Pin	5A	125V
CCBAM06FCC-KLC7AXX	6Pin	5A	125V

Part Number	Conatct	Current	Voltage
CCBAM02FEE-KLC7AXX	2Pin	10A	250V
CCBAM03FEE-KLC7AXX	3Pin	10A	250V
CCBAM05FEC-KLC7AXX	2+3Pin	10A+5A	125V
CCBAM06FEC-KLC7AXX	2+4Pin	10A+5A	125V
CCBAM08FCB-KLC7AXX	2+6Pin	5A+2A	125V

CCB Cable Assembly 5/8"-27UNS, Straight, IPX7 (Mated)



- Features and Benefits**
- Male Connector, Male Pin
 - Size 5/8"-27UNS
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Conatct	Current	Voltage
CCBAM02MCC-KLC7AXX	2Pin	5A	250V
CCBAM03MCC-KLC7AXX	3Pin	5A	250V
CCBAM04MCC-KLC7AXX	4Pin	5A	250V
CCBAM05MCC-KLC7AXX	5Pin	5A	125V
CCBAM06MCC-KLC7AXX	6Pin	5A	125V
CCBAM07MCC-KLC7AXX	7Pin	5A	125V
CCBAM08MCC-KLC7AXX	8Pin	5A	125V

Part Number	Conatct	Current	Voltage
CCBAM02MEE-KLC7AXX	2Pin	10A	250V
CCBAM03MEE-KLC7AXX	3Pin	10A	250V
CCBAM04MEE-KLC7AXX	4Pin	10A	250V
CCBAM08MCB-KLC7AXX	2+6Pin	5A+2A	125V
CCBAM10MBB-KLC7AXX	10Pin	2A	50V
CCBAM12MBB-KLC7AXX	12Pin	2A	50V

CCB Field Installable Solder

Product Specifications

General Data

Size	5/8"-27UNS
Number of Positions	2~8; 10; 12P
Contact Housing	Nylon +GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A EC: 10+5A , CB: 5+2A
Voltage Rating	2~4P: 250V ; 5~8P: 125V ; 10/12P: 50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Wire Gauge	2~8P: 18AWG Max. ; 10/12P: 22AWG Max.
Cable OD	Φ4.5~Φ6.5mm
Temperature Range	-40℃ ~ +105℃
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times
Mode of Connection	Solder Terminals

How to Order

CCBDX XX X XX - KLS7XXX

Connector Gender
F - Female
M - Male

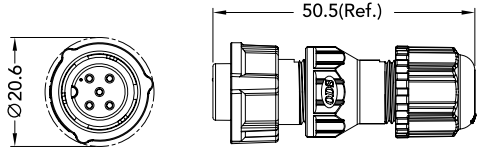
Number of Contacts
02, 03, 04, 05, 06, 07, 08, 10, 12

Current Rating
BB - 2A
CC - 5A
CB - 5+2A
EE - 10A
EC - 10+5A

Contact Type
F - Female
M - Male

Serial Number

CCB Field Installable Solder 5/8"-27UNS, Straight, IPX7 (Mated)



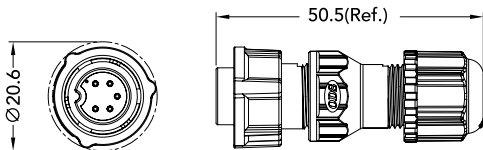
Features and Benefits

- Female Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCBDF02FCC-KLS7001	2Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDF03FCC-KLS7001	3Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDF04FCC-KLS7001	4Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDF05FCC-KLS7001	5Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDF06FCC-KLS7001	6Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDF07FCC-KLS7001	7Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDF08FCC-KLS7001	8Pin	5A	125V	Φ4.5mm~Φ6.5mm

Part Number	Contact	Current	Voltage	Cable Range
CCBDF02FEE-KLS7001	2Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDF03FEE-KLS7001	3Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDF04FEE-KLS7001	4Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDF08FCB-KLS7001	2+6Pin	5A+2A	125V	Φ4.5mm~Φ6.5mm
CCBDF10FBB-KLS7001	10Pin	2A	50V	Φ4.5mm~Φ6.5mm
CCBDF12FBB-KLS7001	12Pin	2A	50V	Φ4.5mm~Φ6.5mm

CCB Field Installable Solder 5/8"-27UNS, Straight, IPX7 (Mated)



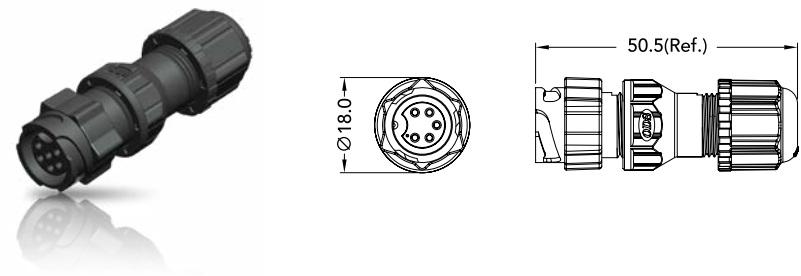
Features and Benefits

- Female Connector, Male Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCBDF02MCC-KLS7001	2Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDF03MCC-KLS7001	3Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDF04MCC-KLS7001	4Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDF05MCC-KLS7001	5Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDF06MCC-KLS7001	6Pin	5A	125V	Φ4.5mm~Φ6.5mm

Part Number	Contact	Current	Voltage	Cable Range
CCBDF02MEE-KLS7001	2Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDF03MEE-KLS7001	3Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDF05MEC-KLS7001	2+3Pin	10A+5A	125V	Φ4.5mm~Φ6.5mm
CCBDF06MEC-KLS7001	2+4Pin	10A+5A	125V	Φ4.5mm~Φ6.5mm
CCBDF08MCB-KLS7001	2+6Pin	5A+2A	125V	Φ4.5mm~Φ6.5mm

CCB Field Installable Solder 5/8"-27UNS, Straight, IPX7 (Mated)



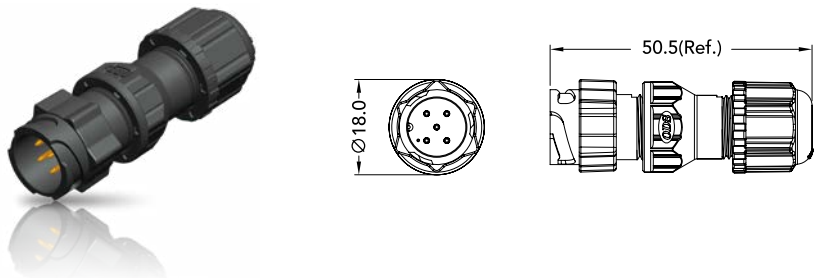
Features and Benefits

- Male Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCBDM02FCC-KLS7001	2Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDM03FCC-KLS7001	3Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDM04FCC-KLS7001	4Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDM05FCC-KLS7001	5Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDM06FCC-KLS7001	6Pin	5A	125V	Φ4.5mm~Φ6.5mm

Part Number	Contact	Current	Voltage	Cable Range
CCBDM02FEE-KLS7001	2Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDM03FEE-KLS7001	3Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDM05FEC-KLS7001	2+3Pin	10A+5A	125V	Φ4.5mm~Φ6.5mm
CCBDM06FEC-KLS7001	2+4Pin	10A+5A	125V	Φ4.5mm~Φ6.5mm
CCBDM08FCB-KLS7001	2+6Pin	5A+2A	125V	Φ4.5mm~Φ6.5mm

CCB Field Installable Solder 5/8"-27UNS, Straight, IPX7 (Mated)



Features and Benefits

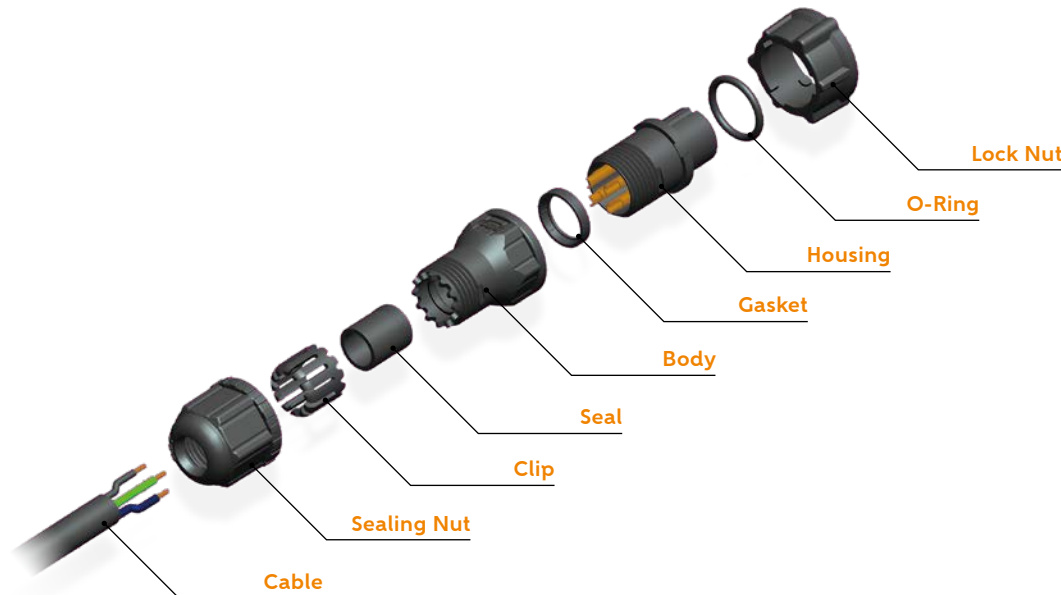
- Male Connector, Male Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCBDM02MCC-KLS7001	2Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDM03MCC-KLS7001	3Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDM04MCC-KLS7001	4Pin	5A	250V	Φ4.5mm~Φ6.5mm
CCBDM05MCC-KLS7001	5Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDM06MCC-KLS7001	6Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDM07MCC-KLS7001	7Pin	5A	125V	Φ4.5mm~Φ6.5mm
CCBDM08MCC-KLS7001	8Pin	5A	125V	Φ4.5mm~Φ6.5mm

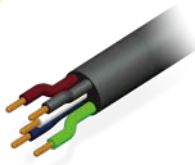
Part Number	Contact	Current	Voltage	Cable Range
CCBDM02MEE-KLS7001	2Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDM03MEE-KLS7001	3Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDM04MEE-KLS7001	4Pin	10A	250V	Φ4.5mm~Φ6.5mm
CCBDM08MCB-KLS7001	2+6Pin	5A+2A	125V	Φ4.5mm~Φ6.5mm
CCBDM10MBB-KLS7001	10Pin	2A	50V	Φ4.5mm~Φ6.5mm
CCBDM12MBB-KLS7001	12Pin	2A	50V	Φ4.5mm~Φ6.5mm

CCB Female Field Installable

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal and body.

3



Solder the stripped cable to connector pins.

4



Insert gasket, body, o-ring onto the housing.

5



Insert seal and clip.

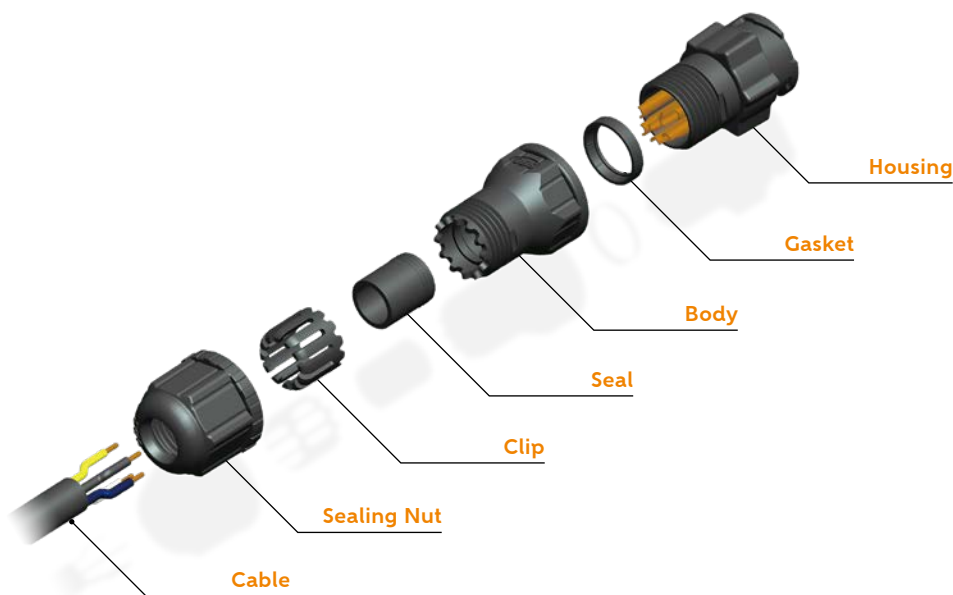
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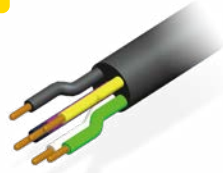
Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

CCB Male Field Installable

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal and body.

3



Solder the stripped cable to connector pins.

4



Insert gasket, body, onto the housing.

5



Insert seal and clip.

6



Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

CCB Accessory Cap IPX7 (Mated)

Features and Benefits

- One sealing surface means less likelihood of failure
- Maintains IPX7 rating for functional integrity when connector is not mated
- IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description
CPBPPMCKN71	CCB	Female Plastic 3P Lock Cap



Part Number	Series	Description
CPBPPMCKP71	CCB	Female Plastic 3P Lock Cap, With Rubber Chain



Part Number	Series	Description
CPBPPMCKM71	CCB	Female Plastic 3P Lock Cap, With Metal Chain



Part Number	Series	Description
CPBPCFCKN71	CCB	Male Plastic 3P Lock Cap



Part Number	Series	Description
CPBPPMCKP72	CCB	Female Plastic 3P Lock Cap, With Rubber Chain



Part Number	Series	Description
CPBPPMCKM72	CCB	Female Plastic 3P Lock Cap, With Metal Chain



CCB Tee Adaptor

Product Specifications

General Data

Size	5/8"-27UNS
Number of Positions	2~12P
Contact Housing	Nylon + GF
Screw Nut	Plastic: Nylon + GF
Terminal	Copper Alloy, Gold Plated

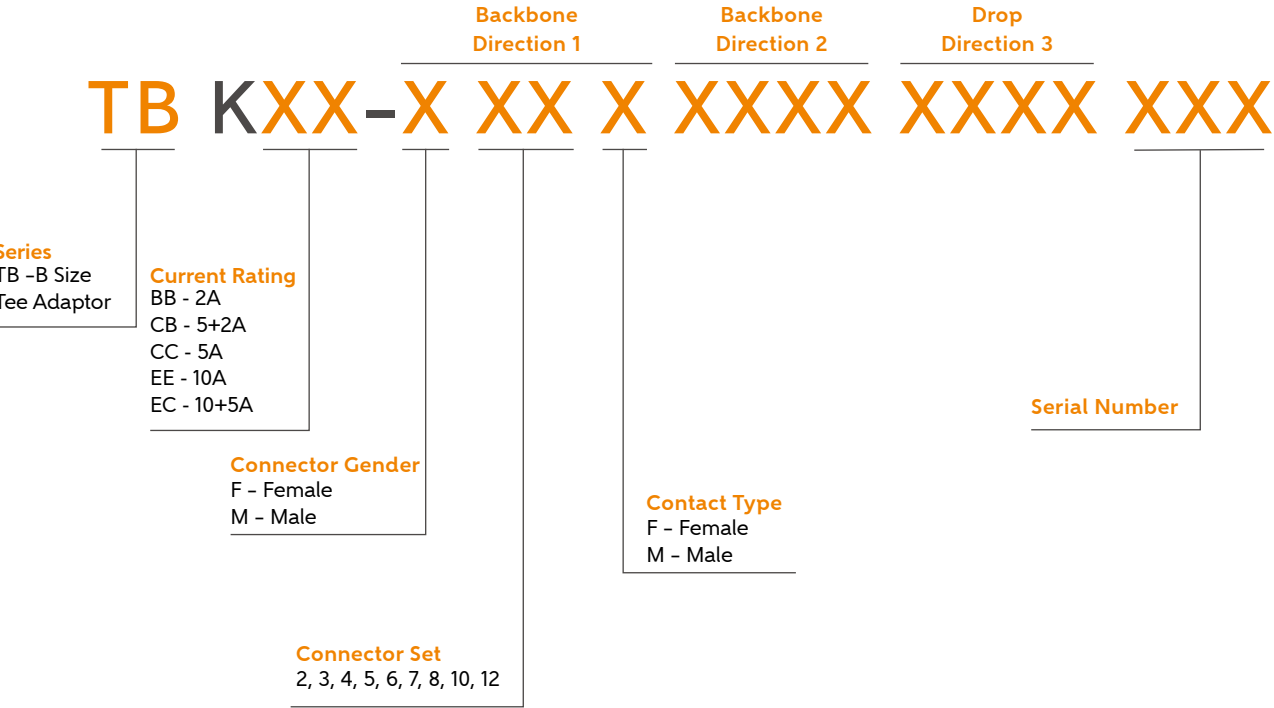
Environmental Data

Mating Style	3-Point Bayonet Lock
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

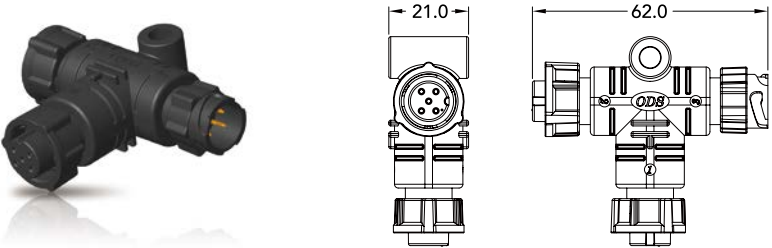
Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A EC: 10+5A , CB: 5+2A
Voltage Rating	2~4P: 250V; 2~4P: 250V; 5~8P: 125V; 10/12P: 50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

How to Order



CCB Tee Adaptor 5/8"-27UNS, IPX7 (Mated)



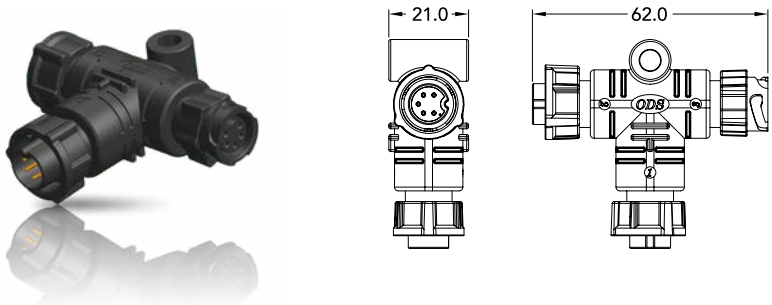
Features and Benefits

- Backbone Connection: Male Connector, Male Pin; Female Connector, Female Pin
- Drop Connection: Female Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Provides neat connections along the network
- T-adaptor allows for a drop connection
- Configurable & customizable

Part Number	Contact	Current	Voltage
TBKCC-M02MF02FF02F001	2Pin	5A	250V
TBKCC-M03MF03FF03F001	3Pin	5A	250V
TBKCC-M04MF04FF04F001	4Pin	5A	250V
TBKCC-M05MF05FF05F001	5Pin	5A	125V
TBKCC-M06MF06FF06F001	6Pin	5A	125V
TBKCC-M07MF07FF07F001	7Pin	5A	125V
TBKCC-M08MF08FF08F001	8Pin	5A	125V

Part Number	Contact	Current	Voltage
TBKEE-M02MF02FF02F001	2Pin	10A	250V
TBKEE-M03MF03FF03F001	3Pin	10A	250V
TBKEE-M04MF04FF04F001	4Pin	10A	250V
TBKCB-M08MF08FF08F001	2+6Pin	5A+2A	125V
TBKBB-M10MF10FF10F001	10Pin	2A	50V
TBKBB-M12MF12FF12F001	12Pin	2A	50V

CCB Tee Adaptor 5/8"-27UNS, IPX7 (Mated)



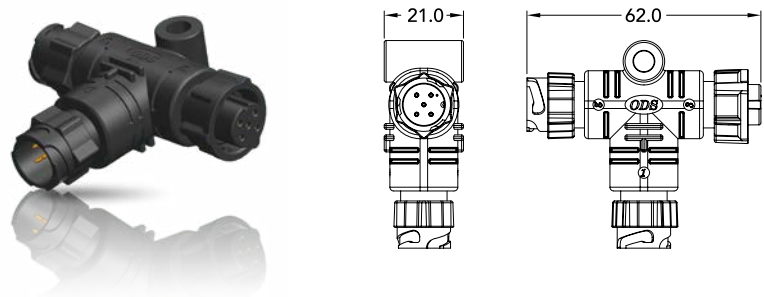
Features and Benefits

- Backbone Connection: Male Connector, Female Pin; Female Connector, Male Pin
- Drop Connection: Female Connector, Male Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Provides neat connections along the network
- T-adaptor allows for a drop connection
- Configurable & customizable

Part Number	Contact	Current	Voltage
TBKCC-M02FF02MF02M001	2Pin	5A	250V
TBKCC-M03FF03MF03M001	3Pin	5A	250V
TBKCC-M04FF04MF04M001	4Pin	5A	250V
TBKCC-M05FF05MF05M001	5Pin	5A	125V
TBKCC-M06FF06MF06M001	6Pin	5A	125V

Part Number	Contact	Current	Voltage
TBKEE-M02FF02MF02M001	2Pin	10A	250V
TBKEE-M03FF03MF03M001	3Pin	10A	250V
TBKEC-M05FF05MF05M001	2+3Pin	10A+5A	125V
TBKEC-M06FF06MF06M001	2+4Pin	10A+5A	125V
TBKCB-M08FF08MF08M001	2+6Pin	5A+2A	125V

CCB Tee Adaptor 5/8"-27UNS, IPX7 (Mated)



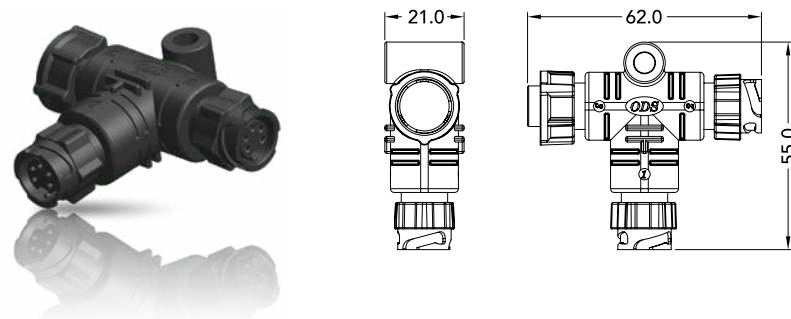
Features and Benefits

- Backbone Connection: Male Connector, Male Pin; Female Connector, Female Pin
- Drop Connection: Male Connector, Male Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Provides neat connections along the network
- T-adaptor allows for a drop connection
- Configurable & customizable

Part Number	Contact	Current	Voltage
TBKCC-M02MF02FM02M001	2Pin	5A	250V
TBKCC-M03MF03FM03M001	3Pin	5A	250V
TBKCC-M04MF04FM04M001	4Pin	5A	250V
TBKCC-M05MF05FM05M001	5Pin	5A	125V
TBKCC-M06MF06FM06M001	6Pin	5A	125V
TBKCC-M07MF07FM07M001	7Pin	5A	125V
TBKCC-M08MF08FM08M001	8Pin	5A	125V

Part Number	Contact	Current	Voltage
TBKEE-M02MF02FM02M001	2Pin	10A	250V
TBKEE-M03MF03FM03M001	3Pin	10A	250V
TBKEE-M04MF04FM04M001	4Pin	10A	250V
TBKCB-M08MF08FM08M001	2+6Pin	5A+2A	125V
TBKBB-M10MF10FM10M001	10Pin	2A	50V
TBKBB-M12MF12FM12M001	12Pin	2A	50V

CCB Tee Adaptor 5/8"-27UNS, IPX7 (Mated)



Features and Benefits

- Backbone Connection: Male Connector, Female Pin; Female Connector, Male Pin
- Drop Connection: Male Connector, Female Pin
- Size 5/8"-27UNS
- 3-Point Bayonet Lock
- Provides neat connections along the network
- T-adaptor allows for a drop connection
- Configurable & customizable

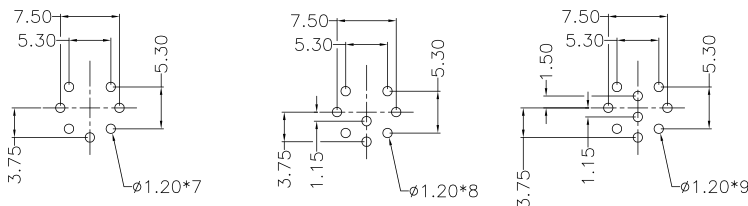
Part Number	Contact	Current	Voltage
TBKCC-M02FF02MM02F001	2Pin	5A	250V
TBKCC-M03FF03MM03F001	3Pin	5A	250V
TBKCC-M04FF04MM04F001	4Pin	5A	250V
TBKCC-M05FF05MM05F001	5Pin	5A	125V
TBKCC-M06FF06MM06F001	6Pin	5A	125V

Part Number	Contact	Current	Voltage
TBKEE-M02FF02MM02F001	2Pin	10A	250V
TBKEE-M03FF03MM03F001	3Pin	10A	250V
TBKEC-M05FF05MM05F001	2+3Pin	10A+5A	125V
TBKEC-M06FF06MM06F001	2+4Pin	10A+5A	125V
TBKCB-M08FF08MM08F001	2+6Pin	5A+2A	125V

CCC Receptacle

PCB LAYOUT CCC MF

Male Connector
Female Pin



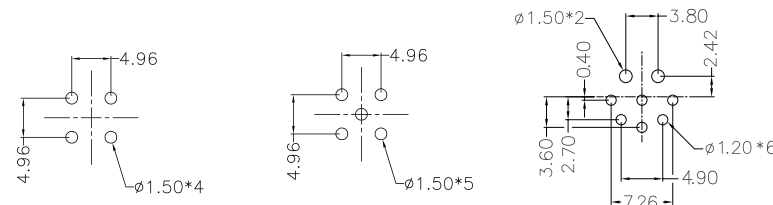
Current

5A

5A

5A

Male Connector
Female Pin



Current

10A

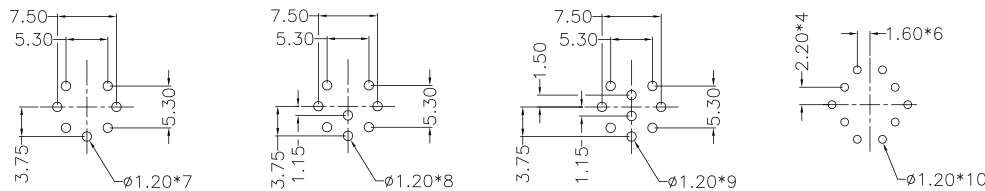
10A

10A+5A

CCC Receptacle

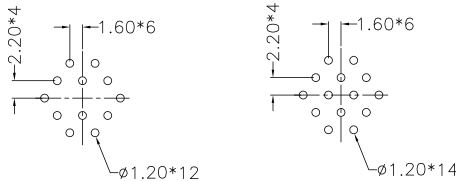
PCB LAYOUT CCC MM

Male Connector
Male Pin



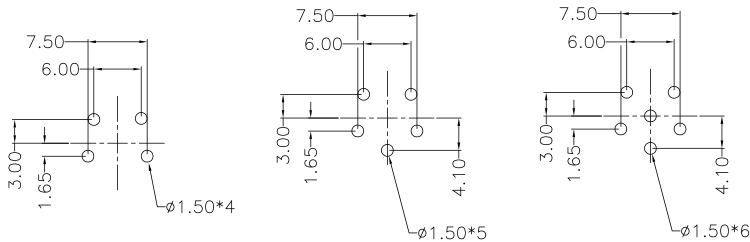
Current 5A 5A 5A 5A

Male Connector
Male Pin



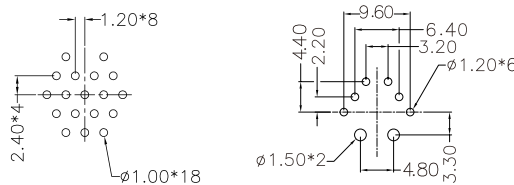
Current 5A 5A

Male Connector
Male Pin



Current 10A 10A

Male Connector
Male Pin

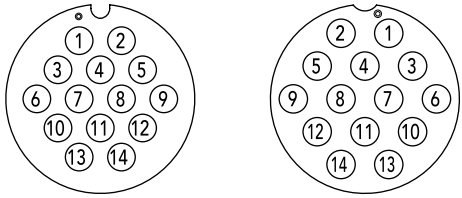
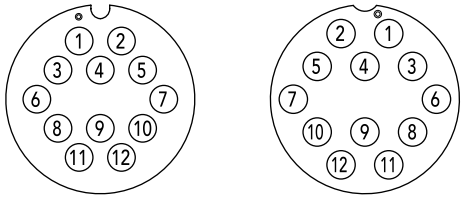
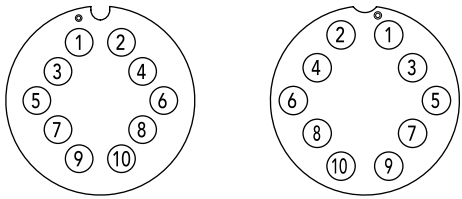
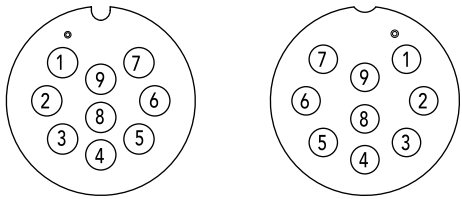
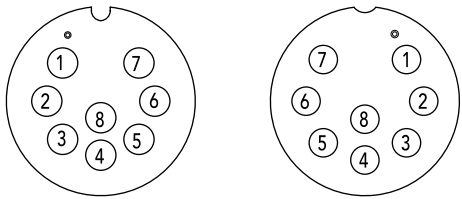
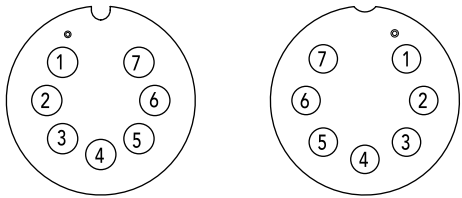


Current 2A 10A+5A

CCC Series PIN NO.

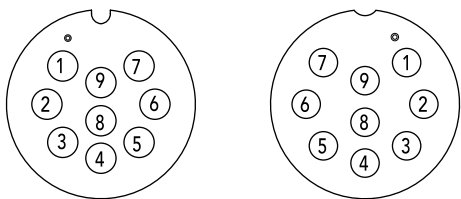
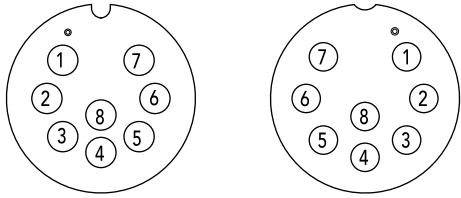
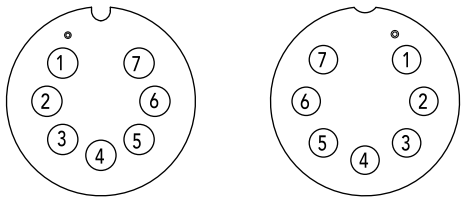
Current 5A

Male Conn.
Male Pin Female Conn.
Female Pin



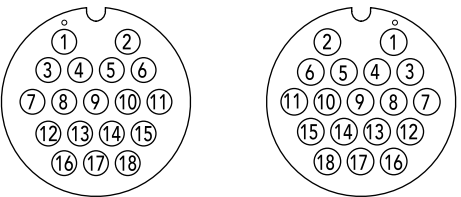
Current 5A

Male Conn.
Female Pin Female Conn.
Male Pin



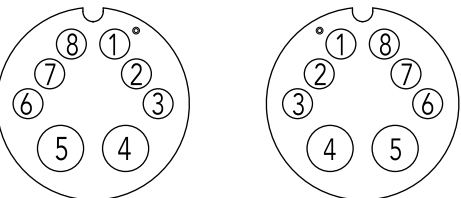
Current 2A

Male Conn.
Male Pin Female Conn.
Female Pin



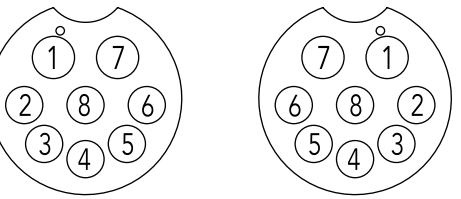
Current 10A+5A

Male Conn.
Male Pin Female Conn.
Female Pin



Current 10A+5A

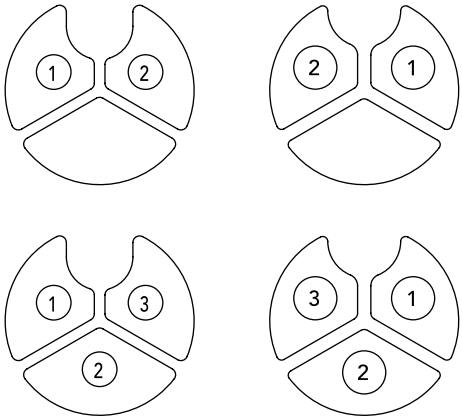
Male Conn.
Female Pin Female Conn.
Male Pin



CCC Series PIN NO.

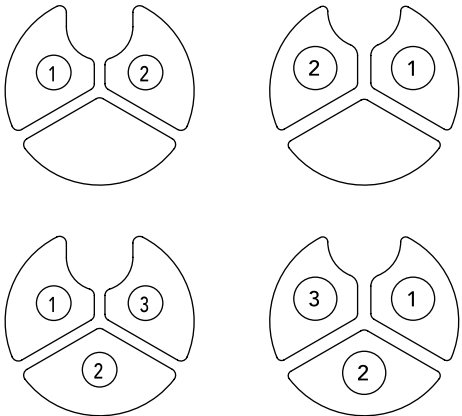
Current 20A

Male Conn. Male Pin Female Conn. Female Pin



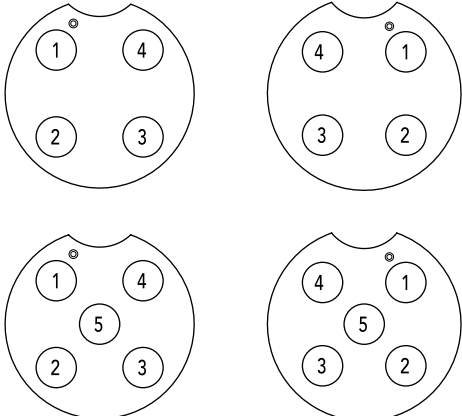
Current 20A

Male Conn. Female Pin Female Conn. Male Pin



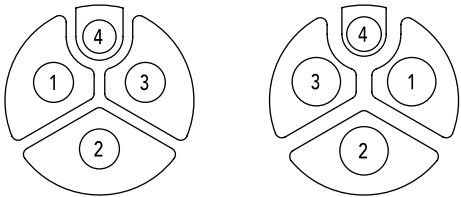
Current 10A

Male Conn. Female Pin Female Conn. Male Pin



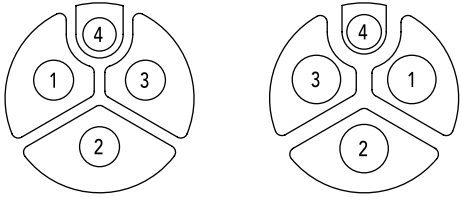
Current 20A+2A

Male Conn. Male Pin Female Conn. Female Pin



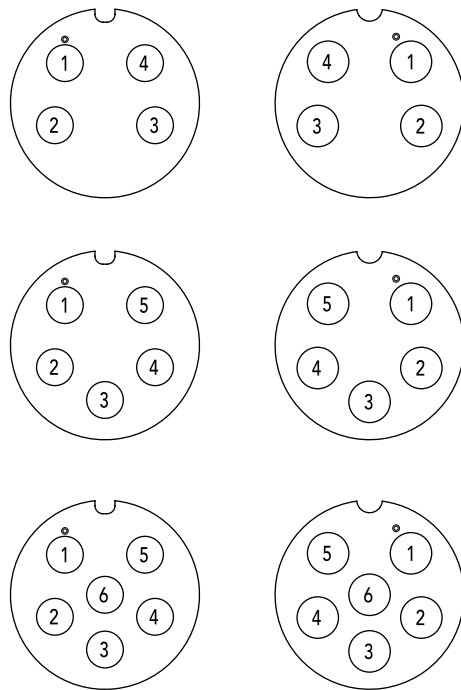
Current 20A+2A

Male Conn. Female Pin Female Conn. Male Pin



Current 10A

Male Conn. Male Pin Female Conn. Female Pin



CCC Receptacle

Product Specifications

General Data

Size	13/16"-28UN
Number of Positions	2~10; 12; 14; 18P
Contact Housing	Nylon+GF
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Environmental Data

Mating Style	3-Point Bayonet Lock
Max Panel Thickness	3.5mm (Without Cap Chain)
Temperature Range	-40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Unmated)
Durability	1000 Times

Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A , EC: 10A+5A HH: 20A , HB: 20+2A
Voltage Rating	2~4P: 250V; 4~9P: 125V; 10~18P: 50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

How to Order

CCC X M XX X XX - KXX7XXX

Style
P - Front Fastened
R - Rear Fastened

Number of Contacts
02, 03, 04, 05, 06, 07, 08, 09, 10,
12, 14, 18

Current Rating
BB - 2A
CC - 5A
EE - 10A
EC - 10A+5A
HH - 20A
HB - 20+2A

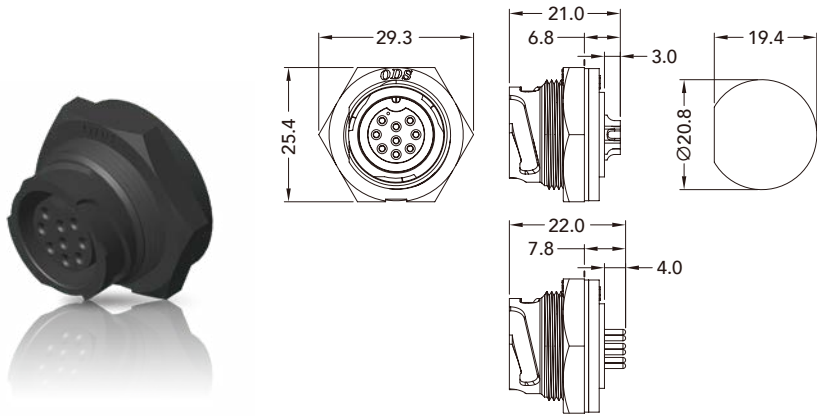
Contact Type
F - Female
M - Male

Serial Number

Assembly Style
S - Solder Type
P - PCB Type

Back Shell
C - Circular
S - Square

CCC Receptacle 13/16"-28UN, Front Fastened, IPX7



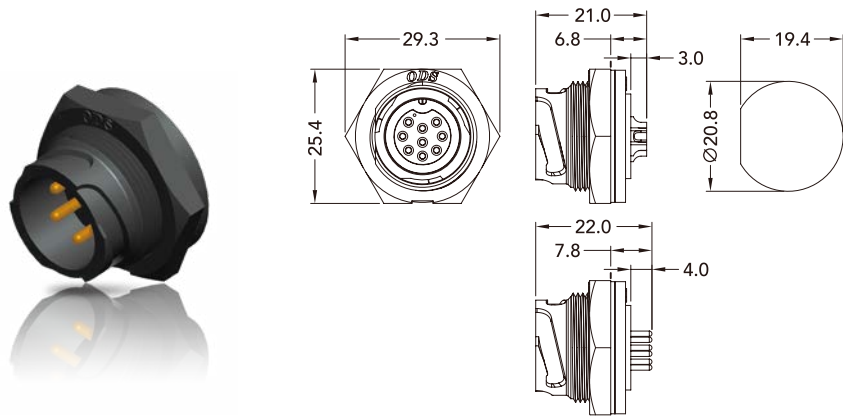
Features and Benefits

- Male Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available – Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM02FHH-KCS7001	2Pin	20A	250V	Solder
CCCPM03FHH-KCS7001	3Pin	20A	250V	Solder
CCCPM04FHH-KCS7001	3+1Pin	20A+2A	250V	Solder
CCCPM04FEE-KCS7001	4Pin	10A	125V	Solder
CCCPM05FEE-KCS7001	5Pin	10A	125V	Solder
CCCPM07FCC-KCS7001	7Pin	5A	125V	Solder
CCCPM08FCC-KCS7001	8Pin	5A	125V	Solder
CCCPM08FEC-KCS7001	2+6Pin	10A+5A	50V	Solder
CCCPM09FCC-KCS7001	9Pin	5A	125V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM04FEE-KCP7001	4Pin	10A	125V	PCB Straight
CCCPM05FEE-KCP7001	5Pin	10A	125V	PCB Straight
CCCPM07FCC-KCP7001	7Pin	5A	125V	PCB Straight
CCCPM08FCC-KCP7001	8Pin	5A	125V	PCB Straight
CCCPM08FEC-KCP7001	2+6Pin	10A+5A	50V	PCB Straight
CCCPM09FCC-KCP7001	9Pin	5A	125V	PCB Straight

CCC Receptacle 13/16"-28UN, Front Fastened, IPX7



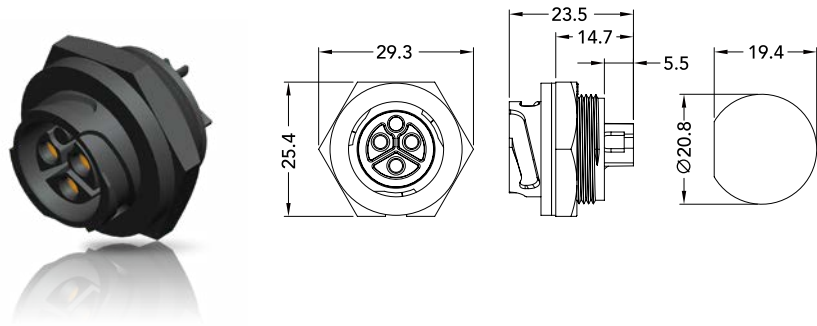
Features and Benefits

- Male Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available – Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM02MHH-KCS7001	2Pin	20A	250V	Solder
CCCPM03MHH-KCS7001	3Pin	20A	250V	Solder
CCCPM04MHB-KCS7001	3+1Pin	20A+2A	250V	Solder
CCCPM04MEE-KCS7001	4Pin	10A	125V	Solder
CCCPM05MEE-KCS7001	5Pin	10A	125V	Solder
CCCPM06MEE-KCS7001	6Pin	10A	125V	Solder
CCCPM07MCC-KCS7001	7Pin	5A	125V	Solder
CCCPM08MCC-KCS7001	8Pin	5A	125V	Solder
CCCPM08MEC-KCS7001	2+6Pin	10A+5A	50V	Solder
CCCPM09MCC-KCS7001	9Pin	5A	125V	Solder
CCCPM10MCC-KCS7001	10Pin	5A	50V	Solder
CCCPM12MCC-KCS7001	12Pin	5A	50V	Solder
CCCPM14MCC-KCS7001	14Pin	5A	50V	Solder
CCCPM18MBB-KCS7001	18Pin	2A	50V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM04MEE-KCP7001	4Pin	10A	125V	PCB Straight
CCCPM05MEE-KCP7001	5Pin	10A	125V	PCB Straight
CCCPM06MEE-KCP7001	6Pin	10A	125V	PCB Straight
CCCPM07MCC-KCP7001	7Pin	5A	125V	PCB Straight
CCCPM08MCC-KCP7001	8Pin	5A	125V	PCB Straight
CCCPM08MEC-KCP7001	2+6Pin	10A+5A	50V	PCB Straight
CCCPM09MCC-KCP7001	9Pin	5A	125V	PCB Straight
CCCPM10MCC-KCP7001	10Pin	5A	50V	PCB Straight
CCCPM12MCC-KCP7001	12Pin	5A	50V	PCB Straight
CCCPM14MCC-KCP7001	14Pin	5A	50V	PCB Straight
CCCPM18MBB-KCP7001	18Pin	2A	50V	PCB Straight

CCC Receptacle 13/16"-28UN, Rear Fastened, IPX7



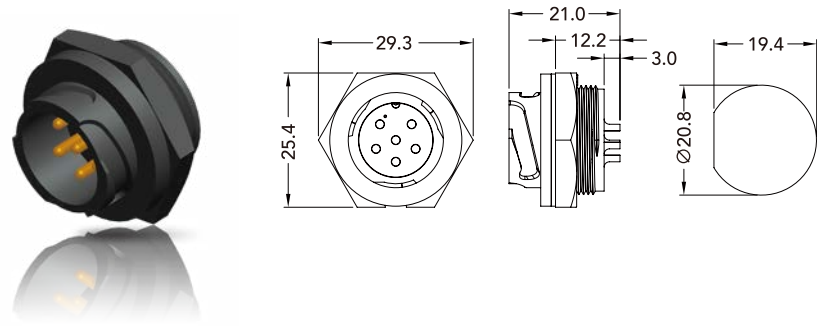
Features and Benefits

- Male Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available – Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCCRM02FHH-KCS7001	2Pin	20A	250V	Solder
CCCRM03FHH-KCS7001	3Pin	20A	250V	Solder
CCCRM04FHH-KCS7001	3+1Pin	20A+2A	250V	Solder
CCCRM04FEE-KCS7001	4Pin	10A	125V	Solder
CCCRM05FEE-KCS7001	5Pin	10A	125V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCCRM07FCC-KCS7001	7Pin	5A	125V	Solder
CCCRM08FCC-KCS7001	8Pin	5A	125V	Solder
CCCRM08FEC-KCS7001	2+6Pin	10A+5A	50V	Solder
CCCRM09FCC-KCS7001	9Pin	5A	125V	Solder

CCC Receptacle 13/16"-28UN, Rear Fastened, IPX7



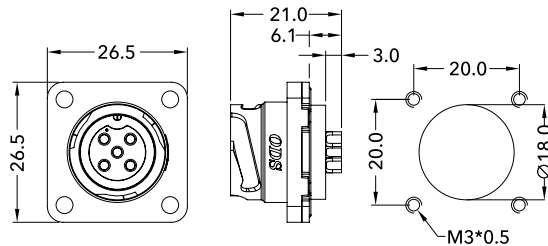
Features and Benefits

- Male Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available – Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCCRM02MHH-KCS7001	2Pin	20A	250V	Solder
CCCRM03MHH-KCS7001	3Pin	20A	250V	Solder
CCCRM04MHB-KCS7001	3+1Pin	20A+2A	250V	Solder
CCCRM04MEE-KCS7001	4Pin	10A	125V	Solder
CCCRM05MEE-KCS7001	5Pin	10A	125V	Solder
CCCRM06MEE-KCS7001	6Pin	10A	125V	Solder
CCCRM07MCC-KCS7001	7Pin	5A	125V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCCRM08MCC-KCS7001	8Pin	5A	125V	Solder
CCCRM08MEC-KCS7001	2+6Pin	10A+5A	50V	Solder
CCCRM09MCC-KCS7001	9Pin	5A	125V	Solder
CCCRM10MCC-KCS7001	10Pin	5A	50V	Solder
CCCRM12MCC-KCS7001	12Pin	5A	50V	Solder
CCCRM14MCC-KCS7001	14Pin	5A	50V	Solder
CCCRM18MBB-KCS7001	18Pin	2A	50V	Solder

CCC Receptacle 13/16"-28UN, Front Fastened, IPX7



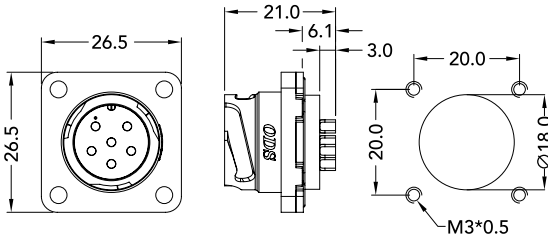
Features and Benefits

- Male Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM02FHH-KSS7001	2Pin	20A	250V	Solder
CCCPM03FHH-KSS7001	3Pin	20A	250V	Solder
CCCPM04FHH-KSS7001	3+1Pin	20A+2A	250V	Solder
CCCPM04FEE-KSS7001	4Pin	10A	125V	Solder
CCCPM05FEE-KSS7001	5Pin	10A	125V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM07FCC-KSS7001	7Pin	5A	125V	Solder
CCCPM08FCC-KSS7001	8Pin	5A	125V	Solder
CCCPM08FEC-KSS7001	2+6Pin	10A+5A	50V	Solder
CCCPM09FCC-KSS7001	9Pin	5A	125V	Solder

CCC Receptacle 13/16"-28UN, Front Fastened, IPX7



Features and Benefits

- Male Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available - Power+Data in one
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM02MHH-KSS7001	2Pin	20A	250V	Solder
CCCPM03MHH-KSS7001	3Pin	20A	250V	Solder
CCCPM04MHB-KSS7001	3+1Pin	20A+2A	250V	Solder
CCCPM04MEE-KSS7001	4Pin	10A	125V	Solder
CCCPM05MEE-KSS7001	5Pin	10A	125V	Solder
CCCPM06MEE-KSS7001	6Pin	10A	125V	Solder
CCCPM07MCC-KSS7001	7Pin	5A	125V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCCPM08MCC-KSS7001	8Pin	5A	125V	Solder
CCCPM08MEC-KSS7001	2+6Pin	10A+5A	50V	Solder
CCCPM09MCC-KSS7001	9Pin	5A	125V	Solder
CCCPM10MCC-KSS7001	10Pin	5A	50V	Solder
CCCPM12MCC-KSS7001	12Pin	5A	50V	Solder
CCCPM14MCC-KSS7001	14Pin	5A	50V	Solder
CCCPM18MBB-KSS7001	18Pin	2A	50V	Solder

CCC Cable Assembly

Product Specifications

General Data

Size	13/16"-28UN
Number of Positions	2~10; 12; 14; 18P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Environmental Data

Mating Style	3-Point Bayonet Lock
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A, EC: 10A+5A HH: 20A , HB: 20+2A
Voltage Rating	2~4P: 250V; 4~9P: 125V; 10~18P: 50V
Contact Resistance	≤ 10mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

How to Order

CCCA^X XX X XX - KXC7XXX

Connector Gender
F - Female
M - Male

Number of Contacts
02, 03, 04, 05, 06, 07, 08, 09, 10,
12, 14, 18

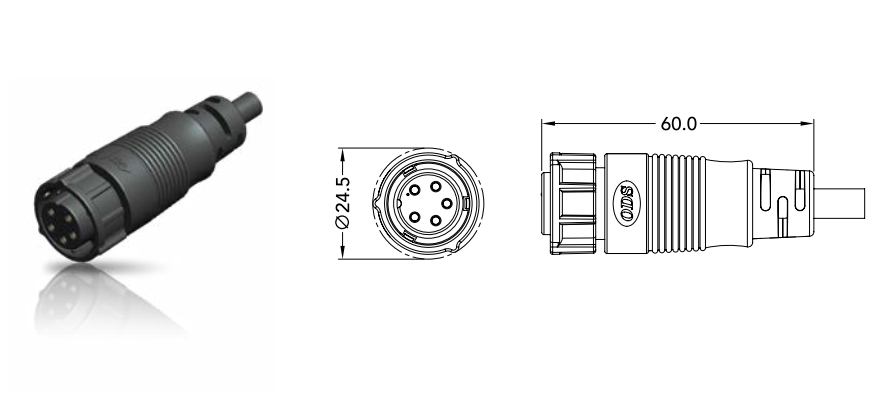
Current Rating
BB - 2A
CC - 5A
EE - 10A
EC - 10A+5A
HH - 20A
HB - 20+2A

Cable Type / Length (M)
A01~A99
B01~B99
C01~C99
H01~H99

Contact Type
F - Female
M - Male

Back Shell
L - Straight (180°)
R - Right Angle (90°)

CCC Cable Assembly 13/16"-28UN, Straight, IPX7 (Mated)

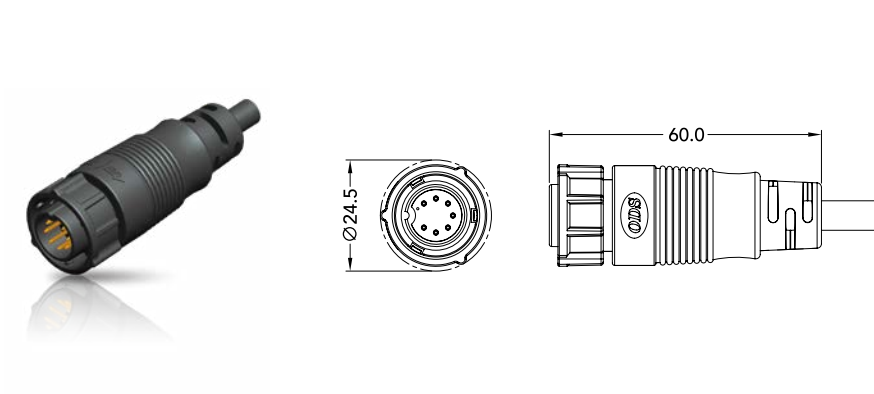


- Features and Benefits**
- Female Connector, Female Pin
 - Size 13/16"-28UN
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCCAF02FHH-KLC7BXX	2Pin	20A	250V
CCCAF03FHH-KLC7BXX	3Pin	20A	250V
CCCAF03FHH-KLC7CXX	3Pin	20A	250V
CCCAF03FHH-KLC7HXX	3Pin	20A	250V
CCCAF04FHB-KLC7BXX	3+1Pin	20A+2A	250V
CCCAF04FEE-KLC7AXX	4Pin	10A	125V
CCCAF05FEE-KLC7AXX	5Pin	10A	125V
CCCAF06FEE-KLC7AXX	6Pin	10A	125V

Part Number	Contact	Current	Voltage
CCCAF07FCC-KLC7AXX	7Pin	5A	125V
CCCAF08FCC-KLC7AXX	8Pin	5A	125V
CCCAF08FEC-KLC7AXX	2+6Pin	10A+5A	50V
CCCAF09FCC-KLC7AXX	9Pin	5A	125V
CCCAF10FCC-KLC7AXX	10Pin	5A	50V
CCCAF12FCC-KLC7AXX	12Pin	5A	50V
CCCAF14FCC-KLC7AXX	14Pin	5A	50V
CCCAF18FBB-KLC7AXX	18Pin	2A	50V

CCC Cable Assembly 13/16"-28UN, Straight, IPX7 (Mated)



- Features and Benefits**
- Female Connector, Male Pin
 - Size 13/16"-28UN
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCCAF02MHH-KLC7BXX	2Pin	20A	250V
CCCAF03MHH-KLC7BXX	3Pin	20A	250V
CCCAF03MHH-KLC7CXX	3Pin	20A	250V
CCCAF03MHH-KLC7HXX	3Pin	20A	250V
CCCAF04MHB-KLC7BXX	3+1Pin	20A+2A	250V
CCCAF04MEE-KLC7AXX	4Pin	10A	125V

Part Number	Contact	Current	Voltage
CCCAF05MEE-KLC7AXX	5Pin	10A	125V
CCCAF07MCC-KLC7AXX	7Pin	5A	125V
CCCAF08MCC-KLC7AXX	8Pin	5A	125V
CCCAF08MEC-KLC7AXX	2+6Pin	10A+5A	50V
CCCAF09MCC-KLC7AXX	9Pin	5A	125V

CCC Cable Assembly 13/16"-28UN, Angled, IPX7 (Mated)



- Features and Benefits**
- Female Connector, Female Pin
 - Size 13/16"-28UN
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCCAF02FHH-KRC7BXX	2Pin	20A	250V
CCCAF03FHH-KRC7BXX	3Pin	20A	250V
CCCAF04FHB-KRC7BXX	3+1Pin	20A+2A	250V
CCCAF04FEE-KRC7AXX	4Pin	10A	125V
CCCAF05FEE-KRC7AXX	5Pin	10A	125V
CCCAF06FEE-KRC7AXX	6Pin	10A	125V
CCCAF07FCC-KRC7AXX	7Pin	5A	125V

Part Number	Contact	Current	Voltage
CCCAF08FCC-KRC7AXX	8Pin	5A	125V
CCCAF08FEC-KRC7AXX	2+6Pin	10A+5A	50V
CCCAF09FCC-KRC7AXX	9Pin	5A	125V
CCCAF10FCC-KRC7AXX	10Pin	5A	50V
CCCAF12FCC-KRC7AXX	12Pin	5A	50V
CCCAF14FCC-KRC7AXX	14Pin	5A	50V
CCCAF18FBB-KRC7AXX	18Pin	2A	50V

CCC Cable Assembly 13/16"-28UN, Angled, IPX7 (Mated)

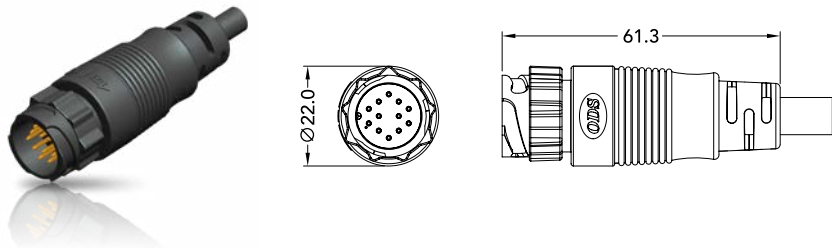


- Features and Benefits**
- Female Connector, Male Pin
 - Size 13/16"-28UN
 - 3-Point Bayonet Lock
 - Also available in Screw Thread type and 2-Point mating type
 - Hybrid Connectors available – Power+Data in one
 - Configurable & customizable
 - Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCCAF02MHH-KRC7BXX	2Pin	20A	250V
CCCAF03MHH-KRC7BXX	3Pin	20A	250V
CCCAF04MHB-KRC7BXX	3+1Pin	20A+2A	250V
CCCAF04MEE-KRC7AXX	4Pin	10A	125V
CCCAF05MEE-KRC7AXX	5Pin	10A	125V

Part Number	Contact	Current	Voltage
CCCAF07MCC-KRC7AXX	7Pin	5A	125V
CCCAF08MCC-KRC7AXX	8Pin	5A	125V
CCCAF08MEC-KRC7AXX	2+6Pin	10A+5A	50V
CCCAF09MCC-KRC7AXX	9Pin	5A	125V

CCC Cable Assembly 13/16"-28UN, Straight, IPX7 (Mated)



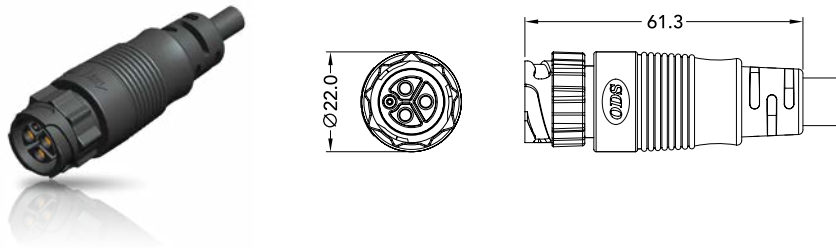
Features and Benefits

- Male Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available – Power+Data in one
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCCAM02MHH-KLC7BXX	2Pin	20A	250V
CCCAM03MHH-KLC7BXX	3Pin	20A	250V
CCCAM03MHH-KLC7CXX	3Pin	20A	250V
CCCAM03MHH-KLC7HXX	3Pin	20A	250V
CCCAM04MHB-KLC7BXX	3+1Pin	20A+2A	250V
CCCAM04MEE-KLC7AXX	4Pin	10A	125V
CCCAM05MEE-KLC7AXX	5Pin	10A	125V
CCCAM06MEE-KLC7AXX	6Pin	10A	125V

Part Number	Contact	Current	Voltage
CCCAM07MCC-KLC7AXX	7Pin	5A	125V
CCCAM08MCC-KLC7AXX	8Pin	5A	125V
CCCAM08MEC-KLC7AXX	2+6Pin	10A+5A	50V
CCCAM09MCC-KLC7AXX	9Pin	5A	125V
CCCAM10MCC-KLC7AXX	10Pin	5A	50V
CCCAM12MCC-KLC7AXX	12Pin	5A	50V
CCCAM14MCC-KLC7AXX	14Pin	5A	50V
CCCAM18MBB-KLC7AXX	18Pin	2A	50V

CCC Cable Assembly 13/16"-28UN, Straight, IPX7 (Mated)



Features and Benefits

- Male Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Hybrid Connectors available – Power+Data in one
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCCAM02FHH-KLC7BXX	2Pin	20A	250V
CCCAM03FHH-KLC7BXX	3Pin	20A	250V
CCCAM03FHH-KLC7CXX	3Pin	20A	250V
CCCAM03FHH-KLC7HXX	3Pin	20A	250V
CCCAM04FHB-KLC7BXX	3+1Pin	20A+2A	250V
CCCAM04FEE-KLC7AXX	4Pin	10A	125V

Part Number	Contact	Current	Voltage
CCCAM05FEE-KLC7AXX	5Pin	10A	125V
CCCAM07FCC-KLC7AXX	7Pin	5A	125V
CCCAM08FCC-KLC7AXX	8Pin	5A	125V
CCCAM08FEC-KLC7AXX	2+6Pin	10A+5A	50V
CCCAM09FCC-KLC7AXX	9Pin	5A	125V

CCC Field Installable Solder

Product Specifications

General Data

Size	13/16"-28UN
Number of Positions	2~10; 12; 14; 18P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	BB: 2A , CC: 5A , EE: 10A, EC: 10A+5A HH: 20A , HB: 20+2A
Voltage Rating	2~3P: 250V;4~9P: 125V;10~18P:50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Wire Gauge	2~3P: 14AWG Max.; 4~6P: 16AWG Max. 7~9P: 18AWG Max.; 18P: 22AWG Max.
Cable OD	Φ5.5~Φ8.0mm or Φ8.0~Φ10.0mm
Temperature Range	-40℃ ~ +105℃
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times
Mode of Connection	Solder Terminals

How to Order

CCCDX XX X XX - KLS7XXX

Connector Gender
F - Female
M - Male

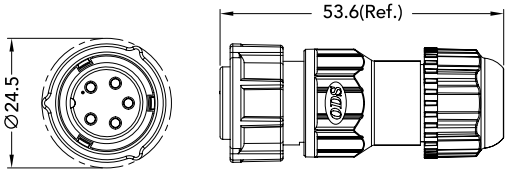
Number of Contacts
02, 03, 04, 05, 06, 07, 08, 09,
10, 12, 14, 18

Current Rating
BB - 2A
CC - 5A
EE - 10A
EC - 10A+5A
HH - 20A

Contact Type
F - Female
M - Male

Serial Number

CCC Field Installable Solder 13/16"-28UN, Straight, IPX7 (Mated)



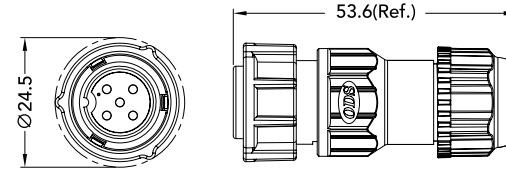
Features and Benefits

- Female Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCCDF02FHH-KLS7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDF02FHH-KLS7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF03FHH-KLS7001	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDF03FHH-KLS7002	3Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF04FEE-KLS7001	4Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDF04FEE-KLS7002	4Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDF05FEE-KLS7001	5Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDF05FEE-KLS7002	5Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDF06FEE-KLS7001	6Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDF06FEE-KLS7002	6Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDF07FCC-KLS7001	7Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDF07FCC-KLS7002	7Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDF08FCC-KLS7001	8Pin	5A	125V	Φ5.5mm~Φ8.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDF08FCC-KLS7002	8Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDF08FEC-KLS7001	2+6Pin	10A+5A	50V	Φ5.5mm~Φ8.0mm
CCCDF08FEC-KLS7002	2+6Pin	10A+5A	50V	Φ8.0mm~Φ10.0mm
CCCDF09FCC-KLS7001	9Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDF09FCC-KLS7002	9Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDF10FCC-KLS7001	10Pin	5A	50V	Φ5.5mm~Φ8.0mm
CCCDF10FCC-KLS7002	10Pin	5A	50V	Φ8.0mm~Φ10.0mm
CCCDF12FCC-KLS7001	12Pin	5A	50V	Φ8.0mm~Φ10.0mm
CCCDF12FCC-KLS7002	12Pin	5A	50V	Φ5.5mm~Φ8.0mm
CCCDF14FCC-KLS7001	14Pin	5A	50V	Φ8.0mm~Φ10.0mm
CCCDF14FCC-KLS7002	14Pin	5A	50V	Φ5.5mm~Φ8.0mm
CCCDF18FBB-KLS7001	18Pin	2A	50V	Φ5.5mm~Φ8.0mm
CCCDF18FBB-KLS7002	18Pin	2A	50V	Φ8.0mm~Φ10.0mm

CCC Field Installable Solder 13/16"-28UN, Straight, IPX7 (Mated)



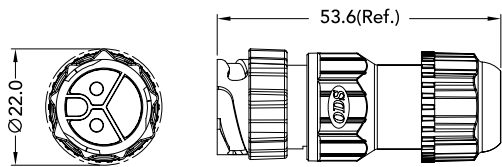
Features and Benefits

- Female Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCCDF02MHH-KLS7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDF02MHH-KLS7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF03MHH-KLS7001	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDF03MHH-KLS7002	3Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF04MEE-KLS7001	4Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDF04MEE-KLS7002	4Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDF05MEE-KLS7001	5Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDF05MEE-KLS7002	5Pin	10A	125V	Φ8.0mm~Φ10.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDF07MCC-KLS7001	7Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDF07MCC-KLS7002	7Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDF08MCC-KLS7001	8Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDF08MCC-KLS7002	8Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDF08MEC-KLS7001	2+6Pin	10A+5A	50V	Φ5.5mm~Φ8.0mm
CCCDF08MEC-KLS7002	2+6Pin	10A+5A	50V	Φ8.0mm~Φ10.0mm
CCCDF09MCC-KLS7001	9Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDF09MCC-KLS7002	9Pin	5A	125V	Φ8.0mm~Φ10.0mm

CCC Field Installable Solder 13/16"-28UN, Straight, IPX7 (Mated)



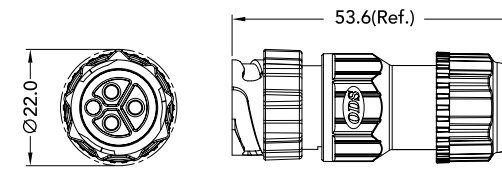
Features and Benefits

- Male Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCCDM02MHH-KLS7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM02MHH-KLS7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDM03MHH-KLS7001	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM03MHH-KLS7002	3Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDM04MEE-KLS7001	4Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDM04MEE-KLS7002	4Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDM05MEE-KLS7001	5Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDM05MEE-KLS7002	5Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDM06MEE-KLS7001	6Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDM06MEE-KLS7002	6Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDM07MCC-KLS7001	7Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDM07MCC-KLS7002	7Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDM08MCC-KLS7001	8Pin	5A	125V	Φ5.5mm~Φ8.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDM08MCC-KLS7002	8Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDM08MEC-KLS7001	2+6Pin	10A+5A	50V	Φ5.5mm~Φ8.0mm
CCCDM08MEC-KLS7002	2+6Pin	10A+5A	50V	Φ8.0mm~Φ10.0mm
CCCDM09MCC-KLS7001	9Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDM09MCC-KLS7002	9Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDM10MCC-KLS7001	10Pin	5A	50V	Φ5.5mm~Φ8.0mm
CCCDM10MCC-KLS7002	10Pin	5A	50V	Φ8.0mm~Φ10.0mm
CCCDM12MCC-KLS7001	12Pin	5A	50V	Φ8.0mm~Φ10.0mm
CCCDM12MCC-KLS7002	12Pin	5A	50V	Φ5.5mm~Φ8.0mm
CCCDM14MCC-KLS7001	14Pin	5A	50V	Φ8.0mm~Φ10.0mm
CCCDM14MCC-KLS7002	14Pin	5A	50V	Φ5.5mm~Φ8.0mm
CCCDM18MBB-KLS7001	18Pin	2A	50V	Φ5.5mm~Φ8.0mm
CCCDM18MBB-KLS7002	18Pin	2A	50V	Φ8.0mm~Φ10.0mm

CCC Field Installable Solder 13/16"-28UN, Straight, IPX7 (Mated)



Features and Benefits

- Male Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCCDM02FHH-KLS7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM02FHH-KLS7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDM03FHH-KLS7001	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM03FHH-KLS7002	3Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDM04FEE-KLS7001	4Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDM04FEE-KLS7002	4Pin	10A	125V	Φ8.0mm~Φ10.0mm
CCCDM05FEE-KLS7001	5Pin	10A	125V	Φ5.5mm~Φ8.0mm
CCCDM05FEE-KLS7002	5Pin	10A	125V	Φ8.0mm~Φ10.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDM07FCC-KLS7001	7Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDM07FCC-KLS7002	7Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDM08FCC-KLS7001	8Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDM08FCC-KLS7002	8Pin	5A	125V	Φ8.0mm~Φ10.0mm
CCCDM08FEC-KLS7001	2+6Pin	10A+5A	50V	Φ5.5mm~Φ8.0mm
CCCDM08FEC-KLS7002	2+6Pin	10A+5A	50V	Φ8.0mm~Φ10.0mm
CCCDM09FCC-KLS7001	9Pin	5A	125V	Φ5.5mm~Φ8.0mm
CCCDM09FCC-KLS7002	9Pin	5A	125V	Φ8.0mm~Φ10.0mm

CCC Field Installable Screw In

Product Specifications

General Data

Size	13/16"-28UN
Number of Positions	2P, 3P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

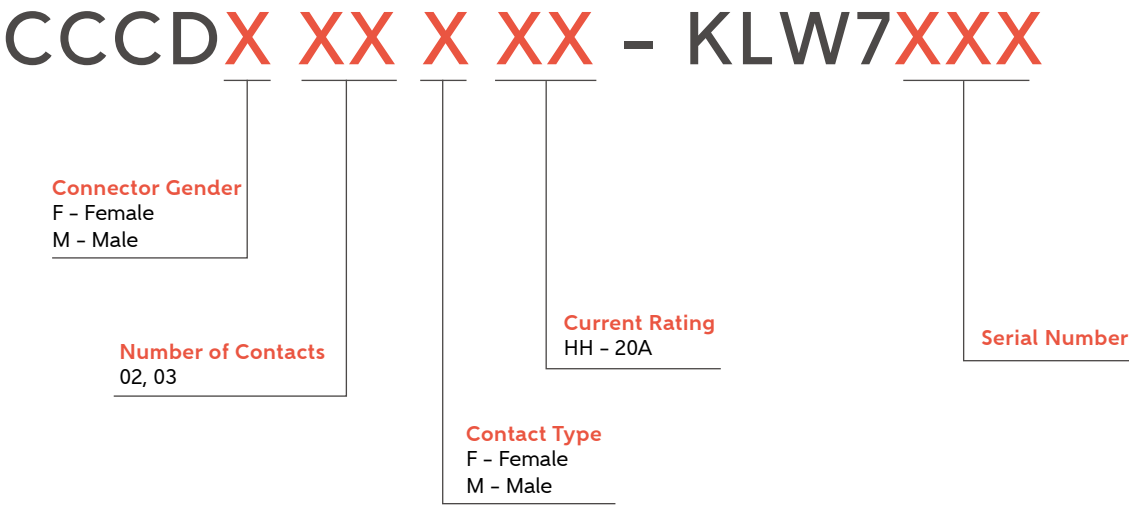
Electrical Data

Current Rating	HH: 20A
Voltage Rating	250V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Wire Gauge	14AWG Max.
Cable OD	Φ5.5~Φ8.0mm or Φ8.0~Φ10.0mm
Temperature Range	-40℃ ~ +105℃
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times
Mode of Connection	Screw-In Terminals

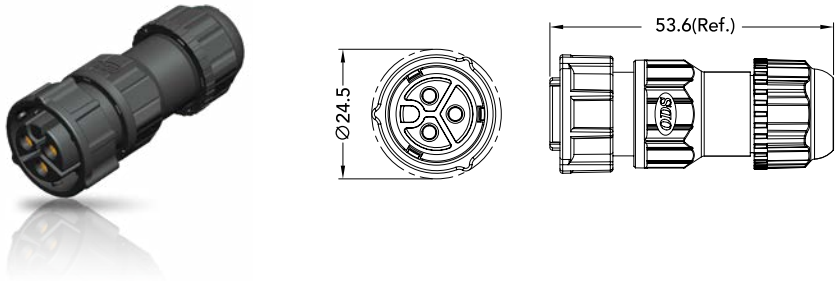
How to Order



CCC Field Installable Screw In 13/16"-28UN, Straight, IPX7 (Mated)

Features and Benefits

- Female Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable



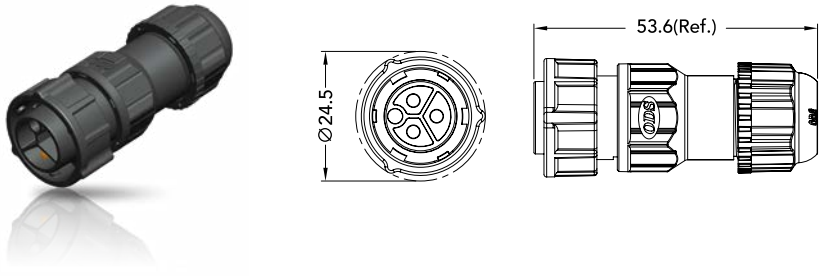
Part Number	Contact	Current	Voltage	Cable Range
CCCDF02FHH-KLW7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDF02FHH-KLW7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDF03FHH-KLW7001	3Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF03FHH-KLW7002	3Pin	20A	250V	Φ8.0mm~Φ10.0mm

CCC Field Installable Screw In 13/16"-28UN, Straight, IPX7 (Mated)

Features and Benefits

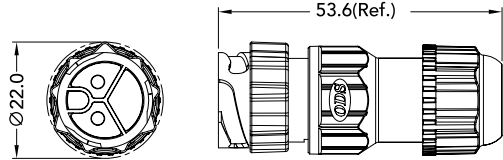
- Female Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable



Part Number	Contact	Current	Voltage	Cable Range
CCCDF02MHH-KLW7001	2Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF02MHH-KLW7002	2Pin	20A	250V	Φ8.0mm~Φ10.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDF03MHH-KLW7001	3Pin	20A	250V	Φ5.5mm~Φ8.0mm
CCCDF03MHH-KLW7002	3Pin	20A	250V	Φ8.0mm~Φ10.0mm

CCC Field Installable Screw In 13/16"-28UN, Straight, IPX7 (Mated)



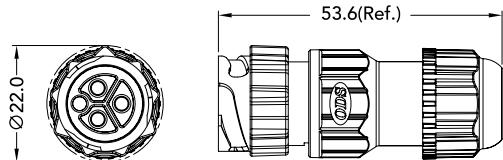
Features and Benefits

- Male Connector, Male Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCCDM02MHH-KLW7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM02MHH-KLW7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCCDM03MHH-KLW7001	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM03MHH-KLW7002	3Pin	20A	250V	Φ5.5mm~Φ8.0mm

CCC Field Installable Screw In 13/16"-28UN, Straight, IPX7 (Mated)



Features and Benefits

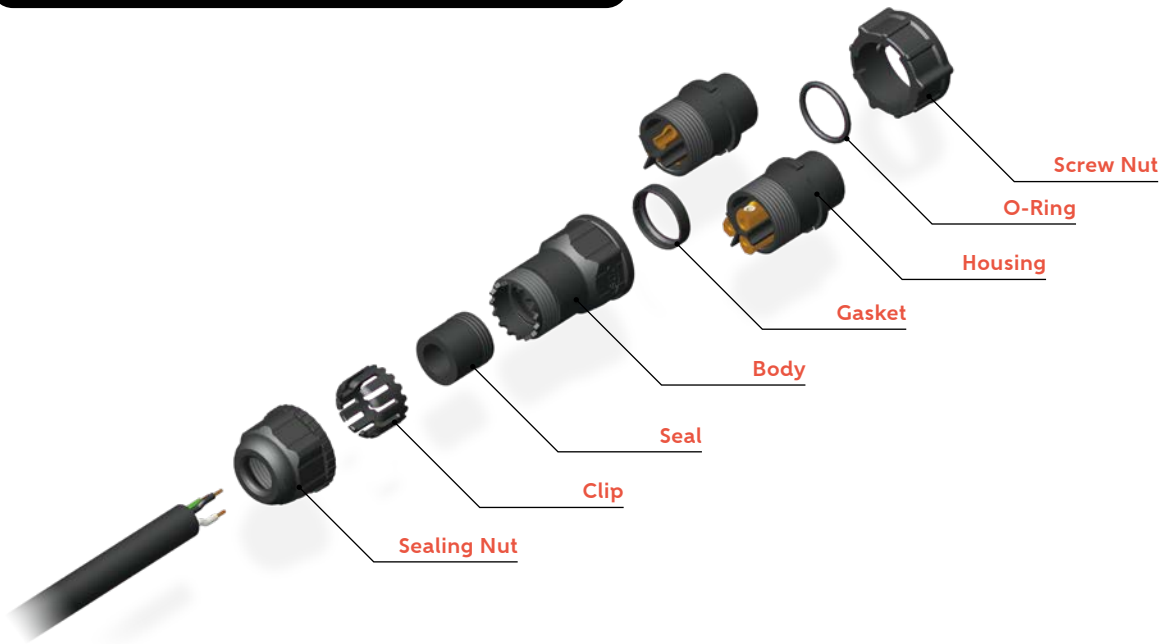
- Male Connector, Female Pin
- Size 13/16"-28UN
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCCDM02FHH-KLW7001	2Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM02FHH-KLW7002	2Pin	20A	250V	Φ5.5mm~Φ8.0mm

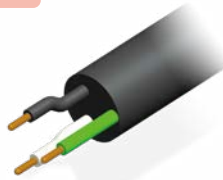
Part Number	Contact	Current	Voltage	Cable Range
CCCDM03FHH-KLW7001	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCCDM03FHH-KLW7002	3Pin	20A	250V	Φ5.5mm~Φ8.0mm

CCC Female Field Installable

Assembly Instructions



- 1



Strip the cable sheath and insulation.
- 2



Insert the cable through the sealing nut, clip, seal and body.
- 3-1



Solder the stripped cable to connector pins.
- 3-2



Insert each wire to the respective hole and tighten each screw.
- 4



Insert gasket, body, o-ring onto the housing.
- 5



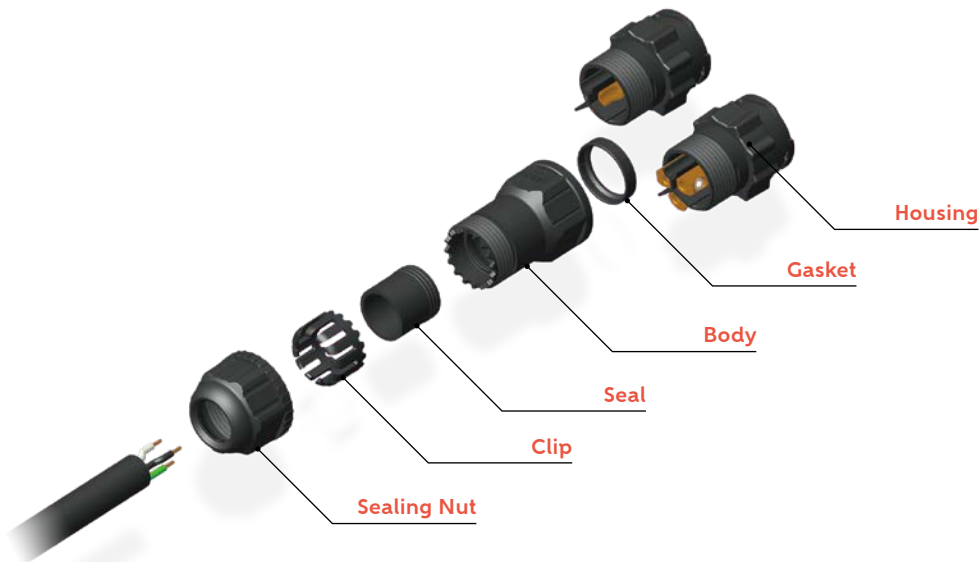
Insert seal and clip.
- 6



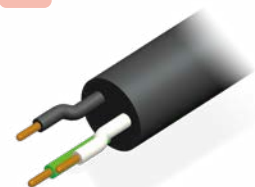
Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

CCC Male Field Installable

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal and body.

3-1



Solder the stripped cable to connector pins.

3-2



Insert each wire to the respective hole and tighten each screw.

4



Insert gasket, body, onto the housing.

5



Insert seal and clip.

6



Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

CCC Accessory Cap IPX7 (Mated)

Features and Benefits

- One sealing surface means less likelihood of failure
- Maintains IPX7 rating for functional integrity when connector is not mated
- IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description	Part Number	Series	Description
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CPCPCFCKN71 CCC Male Plastic 3P Lock Cap

CPCPPMCKN71 CCC Female Plastic 3P Lock Cap



Part Number	Series	Description	Part Number	Series	Description
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CPCPPMCKP71 CCC Female Plastic 3P Lock Cap, With Rubber Chain

CPCPPMCKP72 CCC Female Plastic 3P Lock Cap, With Rubber Chain



Part Number	Series	Description	Part Number	Series	Description
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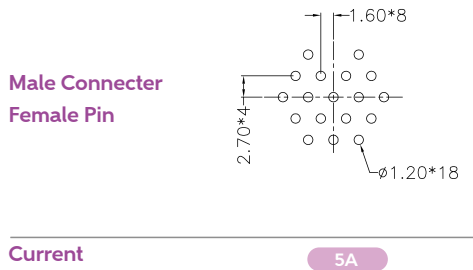
CPCPPMCKM71 CCC Female Plastic 3P Lock Cap, With Metal Chain

CPCPPMCKM72 CCC Female Plastic 3P Lock Cap, With Metal Chain

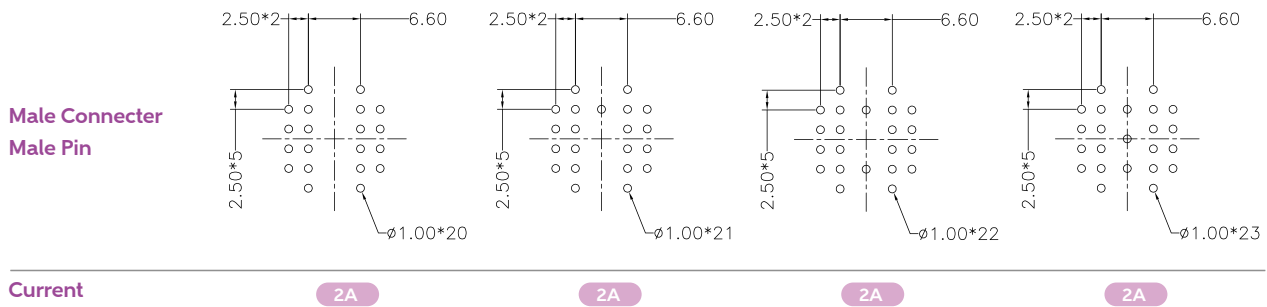


CCD Receptacle

PCB LAYOUT CCD MF



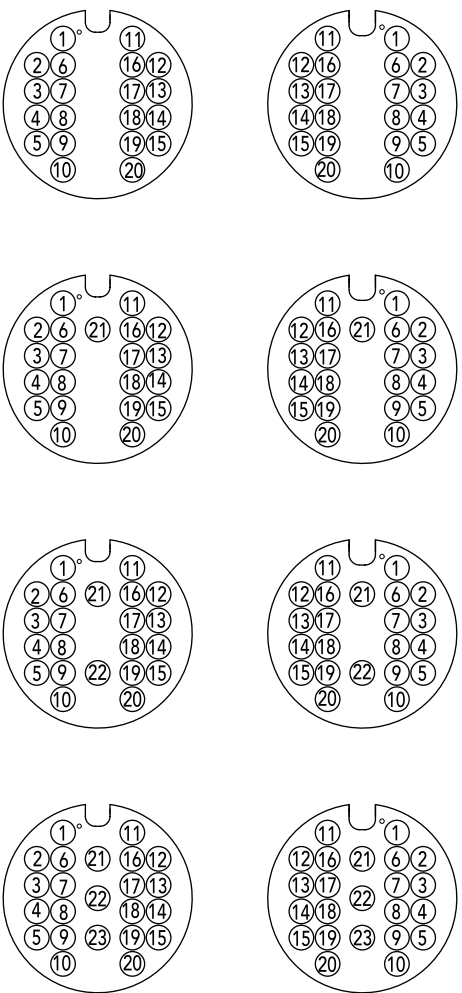
PCB LAYOUT CCD MM



CCD Series PIN NO.

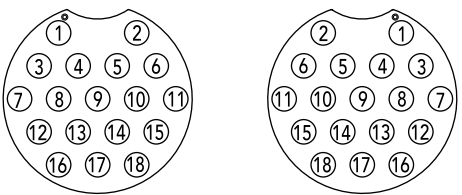
Current 2A

Male Conn. Male Pin Female Conn. Female Pin



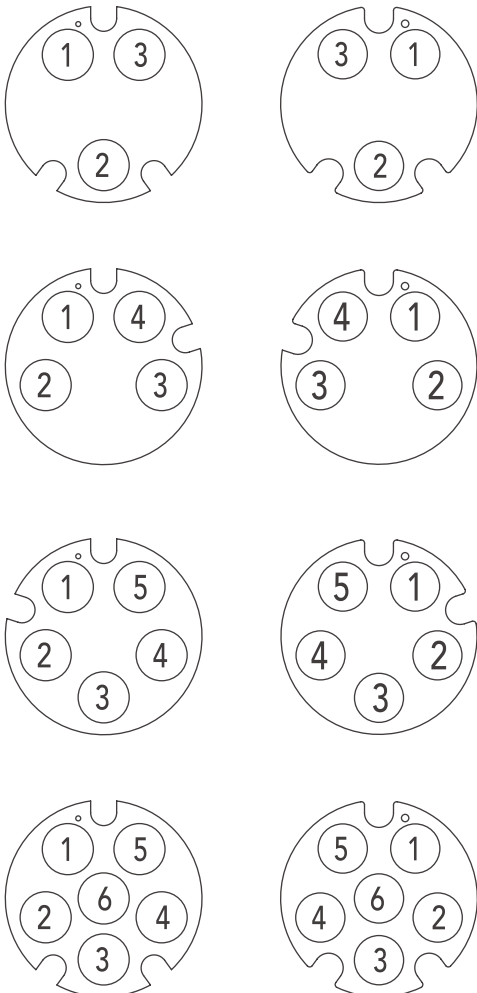
Current 5A

Male Conn. Female Pin Female Conn. Male Pin



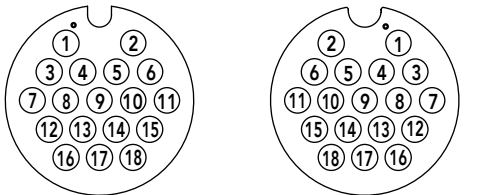
Current 20A

Male Conn. Female Pin Female Conn. Male Pin



Current 5A

Male Conn. Male Pin Female Conn. Female Pin



CCD Receptacle

Product Specifications

General Data

Size	1"-20UNEF
Number of Positions	3~6P; 18P; 20~23P
Contact Housing	Nylon+GF
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	BB: 2A , CC: 5A , HH: 20A
Voltage Rating	20A: 250V; 5A: 50V; 2A: 50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Max Panel Thickness	4.5mm (Without Cap Chain)
Temperature Range	-40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Unmated)
Durability	1000 Times

How to Order

CCDPMXX X XX - KXX7XXX

Number of Contacts
03, 04, 05, 06, 18, 20, 21, 22, 23

Contact Type
F - Female
M - Male

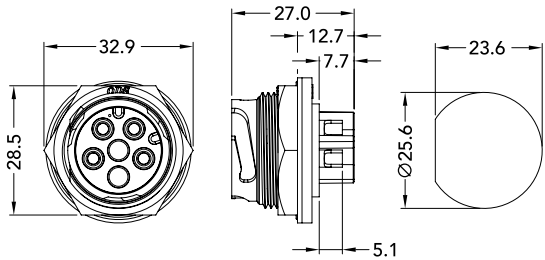
Current Rating
BB - 2A
CC - 5A
HH - 20A

Back Shell
C - Circular
S - Square

Assembly Style
S - Solder Type
P - PCB Type

Serial Number

CCD Receptacle 1"-20UNEF, Front Fastened, IPX7



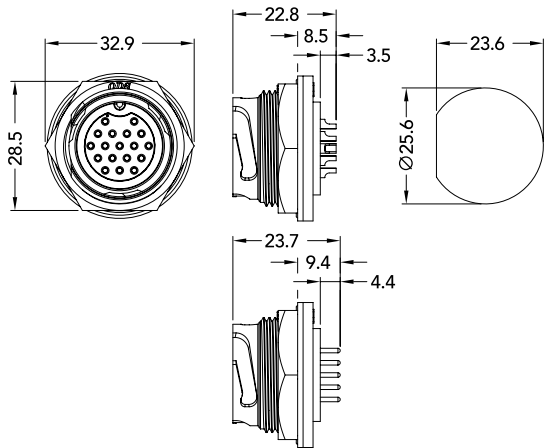
Features and Benefits

- Male Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM03FHH-KCS7001	3Pin	20A	250V	Solder
CCDPM04FHH-KCS7001	4Pin	20A	250V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM05FHH-KCS7001	5Pin	20A	250V	Solder
CCDPM06FHH-KCS7001	6Pin	20A	250V	Solder

CCD Receptacle 1"-20UNEF, Front Fastened, IPX7



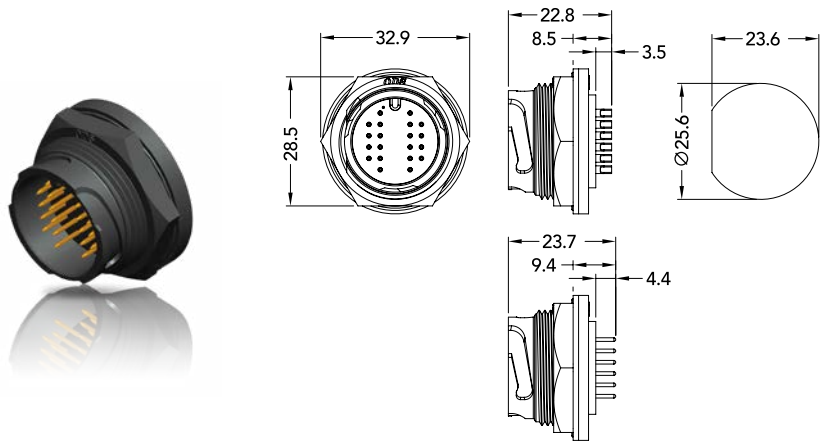
Features and Benefits

- Male Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM18FCC-KCS7001	18Pin	5A	50V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM18FCC-KCP7001	18Pin	5A	50V	PCB Straight

CCD Receptacle 1"-20UNEF, Front Fastened, IPX7



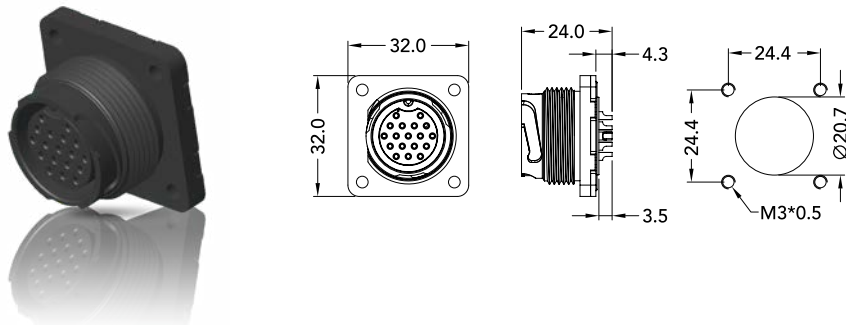
Features and Benefits

- Male Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM18MCC-KCS7001	18Pin	5A	50V	Solder
CCDPM20MBB-KCS7001	20Pin	2A	50V	Solder
CCDPM21MBB-KCS7001	21Pin	2A	50V	Solder
CCDPM22MBB-KCS7001	22Pin	2A	50V	Solder
CCDPM23MBB-KCS7001	23Pin	2A	50V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM18MCC-KCP7001	18Pin	5A	50V	PCB Straight
CCDPM20MBB-KCP7001	20Pin	2A	50V	PCB Straight
CCDPM21MBB-KCP7001	21Pin	2A	50V	PCB Straight
CCDPM22MBB-KCP7001	22Pin	2A	50V	PCB Straight
CCDPM23MBB-KCP7001	23Pin	2A	50V	PCB Straight

CCD Receptacle 1"-20UNEF, Front Fastened, IPX7

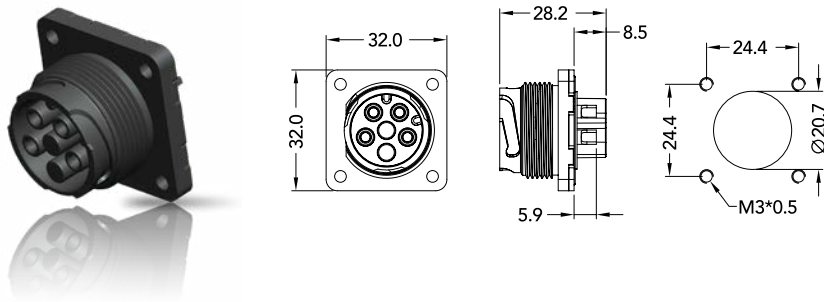


Features and Benefits

- Male Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM18FCC-KS57001	18Pin	5A	50V	Solder

CCD Receptacle 1"-20UNEF, Front Fastened, IPX7



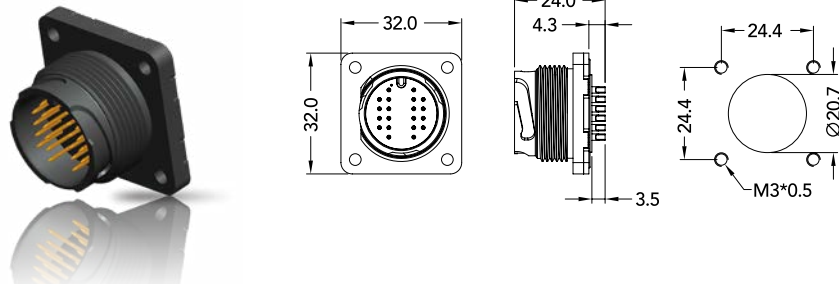
Features and Benefits

- Male Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM03FHH-KSS7001	3Pin	20A	250V	Solder
CCDPM04FHH-KSS7001	4Pin	20A	250V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM05FHH-KSS7001	5Pin	20A	250V	Solder
CCDPM06FHH-KSS7001	6Pin	20A	250V	Solder

CCD Receptacle 1"-20UNEF, Front Fastened, IPX7



Features and Benefits

- Male Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM18MCC-KSS7001	18Pin	5A	50V	Solder
CCDPM20MBB-KSS7001	20Pin	2A	50V	Solder
CCDPM21MBB-KSS7001	21Pin	2A	50V	Solder

Part Number	Contact	Current	Voltage	Ass'y Type
CCDPM22MBB-KSS7001	22Pin	2A	50V	Solder
CCDPM23MBB-KSS7001	23Pin	2A	50V	Solder

CCD Cable Assembly

Product Specifications

General Data

Size	1"-20UNEF
Number of Positions	3~6P; 18P; 20~23P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	BB: 2A , CC: 5A , HH: 20A
Voltage Rating	20A: 250V; 5A: 50V; 2A: 50V
Contact Resistance	≤ 10mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times
Assemble Type	Cable End Cut

How to Order

CCDAX XX X XX - KXC7XXX

Connector Gender
F - Female
M - Male

Number of Contacts
03, 04, 05, 06, 18, 20, 21, 22, 23

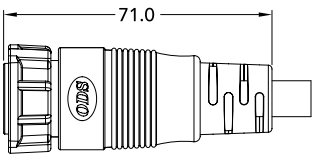
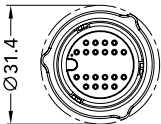
Current Rating
BB - 2A
CC - 5A
HH - 20A

Contact Type
F - Female
M - Male

Back Shell
L - Straight(180°)
R - Right Angle (90°)

Cable Type / Length (M)
A01~A99
B01~B99
H01~H99

CCD Cable Assembly 1"-20UNEF, Straight, IPX7 (Mated)



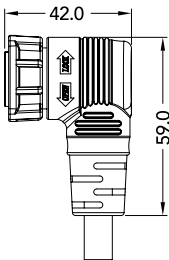
Features and Benefits

- Female Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCDAF18FCC-KLC7AXX	18Pin	5A	50V
CCDAF20FBB-KLC7AXX	20Pin	2A	50V
CCDAF21FBB-KLC7AXX	21Pin	2A	50V

Part Number	Contact	Current	Voltage
CCDAF22FBB-KLC7AXX	22Pin	2A	50V
CCDAF23FBB-KLC7AXX	23Pin	2A	50V

CCD Cable Assembly 1"-20UNEF, Angled, IPX7 (Mated)

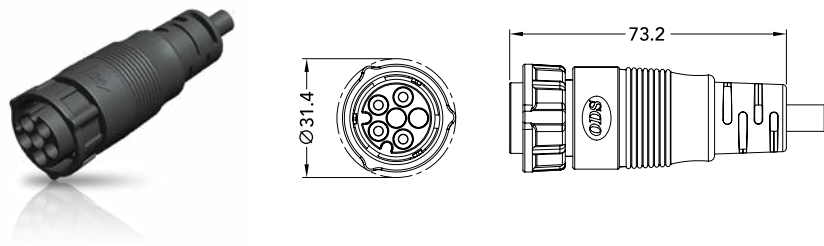


Features and Benefits

- Female Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCDAF18FCC-KRC7AXX	18Pin	5A	50V

CCD Cable Assembly 1"-20UNEF, Straight, IPX7 (Mated)



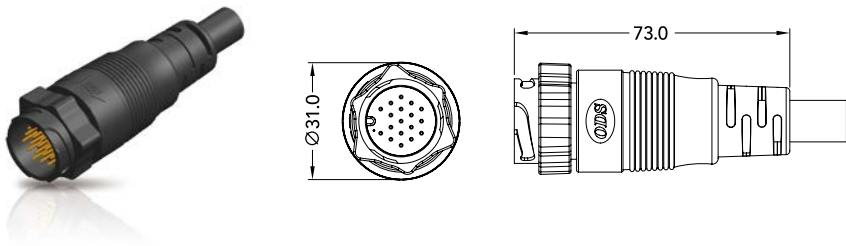
Features and Benefits

- Female Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCDAF03MHH-KLC7BXX	3Pin	20A	250V
CCDAF04MHH-KLC7BXX	4Pin	20A	250V
CCDAF05MHH-KLC7BXX	5Pin	20A	250V

Part Number	Contact	Current	Voltage
CCDAF06MHH-KLC7BXX	6Pin	20A	250V
CCDAF18MCC-KLC7AXX	18Pin	5A	50V

CCD Cable Assembly 1"-20UNEF, Straight, IPX7 (Mated)

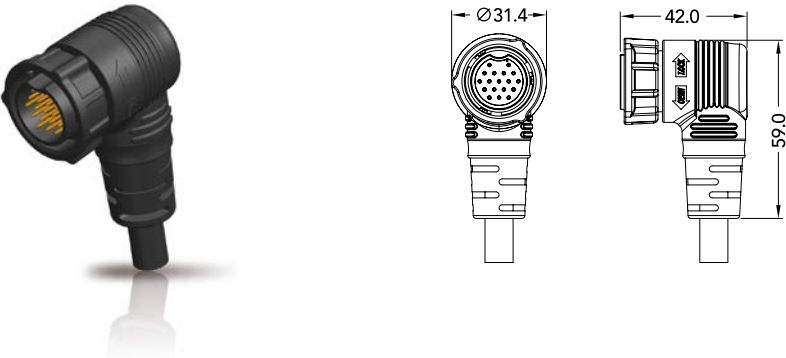


Features and Benefits

- Male Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCDAM18MCC-KLC7AXX	18Pin	5A	50V

CCD Cable Assembly 1"-20UNEF, Angled, IPX7 (Mated)

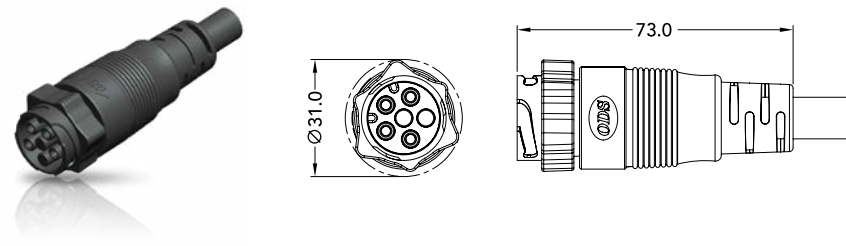


Features and Benefits

- Female Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCDAF18MCC-KRC7AXX	18Pin	5A	50V

CCD Cable Assembly 1"-20UNEF, Straight, IPX7 (Mated)



Features and Benefits

- Male Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable
- Wide selection of cables to fit applications

Part Number	Contact	Current	Voltage
CCDAM03FHH-KLC7BXX	3Pin	20A	250V
CCDAM04FHH-KLC7BXX	4Pin	20A	250V
CCDAM05FHH-KLC7BXX	5Pin	20A	250V

Part Number	Contact	Current	Voltage
CCDAM06FHH-KLC7BXX	6Pin	20A	250V
CCDAM18FCC-KLC7AXX	18Pin	5A	50V

CCD Field Installable Solder

Product Specifications

General Data

Size	1"-20UNEF
Number of Positions	3~6; 18P
Contact Housing	Nylon+GF
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	HH: 20A , CC: 5A
Voltage Rating	20A: 250V; 5A: 50V
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	-

Environmental Data

Mating Style	3-Point Bayonet Lock
Wire Gauge	3~6P: 14AWG Max. ; 18P: 18AWG Max.
Cable OD	Φ8.0~Φ10.0mm or Φ10.0~Φ12.0mm
Temperature Range	-40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times
Mode of Connection	Solder Terminals

How to Order

CCDDX XX X XX - KLS7XXX

Connector Gender
F - Female
M - Male

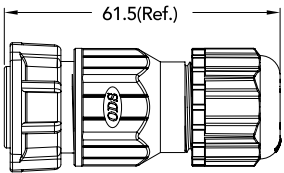
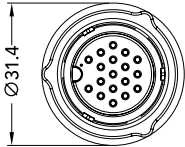
Number of Contacts
03, 04, 05, 06, 18

Current Rating
CC - 5A
HH - 20A

Contact Type
F - Female
M - Male

Serial Number

CCD Field Installable Solder 1"-20UNEF, Straight, IPX7 (Mated)



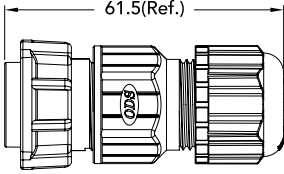
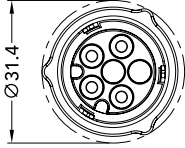
Features and Benefits

- Female Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCDDF18FCC-KLS7001	18Pin	5A	50V	Φ10.0mm~Φ12.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCDDF18FCC-KLS7002	18Pin	5A	50V	Φ8.0mm~Φ10.0mm

CCD Field Installable Solder 1"-20UNEF, Straight, IPX7 (Mated)



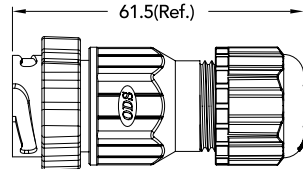
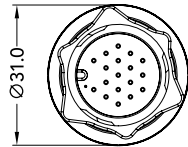
Features and Benefits

- Female Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCDDF03MHH-KLS7001	3Pin	20A	250V	Φ10.0mm~Φ12.0mm
CCDDF03MHH-KLS7002	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDF04MHH-KLS7001	4Pin	20A	250V	Φ10.0mm~Φ12.0mm
CCDDF04MHH-KLS7002	4Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDF05MHH-KLS7001	5Pin	20A	250V	Φ10.0mm~Φ12.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCDDF05MHH-KLS7002	5Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDF06MHH-KLS7001	6Pin	20A	250V	Φ10.0mm~Φ12.0mm
CCDDF06MHH-KLS7002	6Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDF18MCC-KLS7001	18Pin	5A	50V	Φ10.0mm~Φ12.0mm
CCDDF18MCC-KLS7002	18Pin	5A	50V	Φ8.0mm~Φ10.0mm

CCD Field Installable Solder 1"-20UNEF, Straight, IPX7 (Mated)



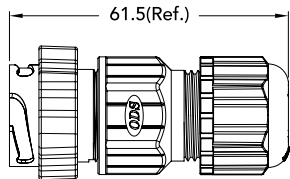
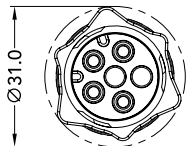
Features and Benefits

- Male Connector, Male Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCDDM18MCC-KLS7001	18Pin	5A	50V	Φ10.0mm~Φ12.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCDDM18MCC-KLS7002	18Pin	5A	50V	Φ8.0mm~Φ10.0mm

CCD Field Installable Solder 1"-20UNEF, Straight, IPX7 (Mated)



Features and Benefits

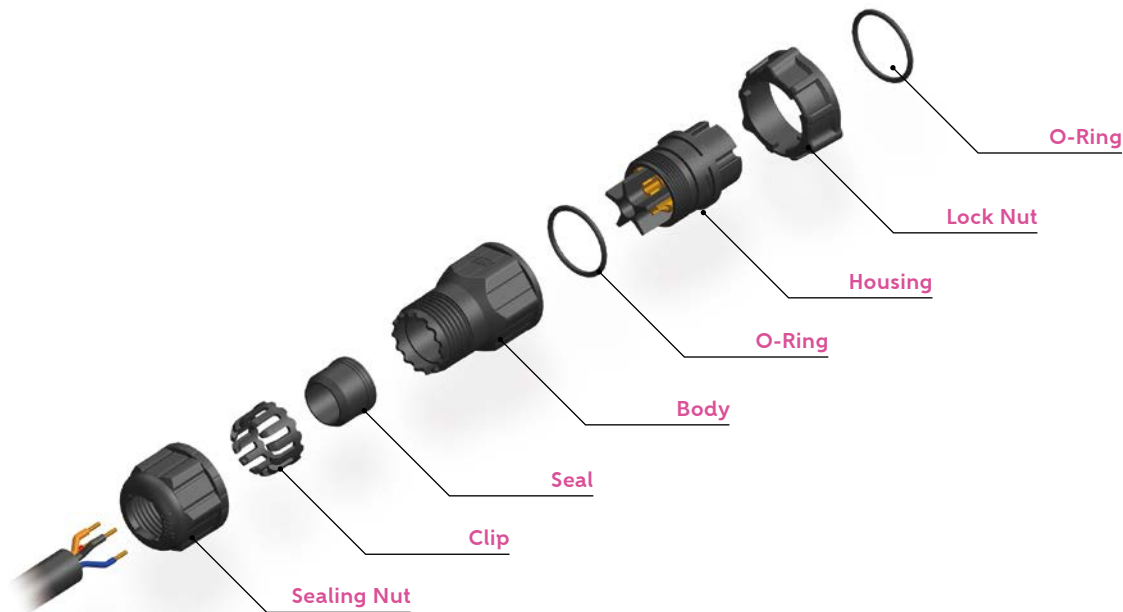
- Male Connector, Female Pin
- Size 1"-20UNEF
- 3-Point Bayonet Lock
- Also available in Screw Thread type and 2-Point mating type
- Configurable & customizable

Part Number	Contact	Current	Voltage	Cable Range
CCDDM03FHH-KLS7001	3Pin	20A	250V	Φ10.0mm~Φ12.0mm
CCDDM03FHH-KLS7002	3Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDM04FHH-KLS7001	4Pin	20A	250V	Φ10.0mm~Φ12.0mm
CCDDM04FHH-KLS7002	4Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDM05FHH-KLS7001	5Pin	20A	250V	Φ10.0mm~Φ12.0mm

Part Number	Contact	Current	Voltage	Cable Range
CCDDM05FHH-KLS7002	5Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDM06FHH-KLS7001	6Pin	20A	250V	Φ10.0mm~Φ12.0mm
CCDDM06FHH-KLS7002	6Pin	20A	250V	Φ8.0mm~Φ10.0mm
CCDDM18FCC-KLS7001	18Pin	5A	50V	Φ10.0mm~Φ12.0mm
CCDDM18FCC-KLS7002	18Pin	5A	50V	Φ8.0mm~Φ10.0mm

CCD Female Field Installable

Assembly Instructions



- 1

Strip the cable sheath and insulation.
- 2

Insert the o-ring into the body.
- 3

Insert the cable through the sealing nut, clip, seal and body.
- 4

Solder the stripped cable to connector pins.
- 5

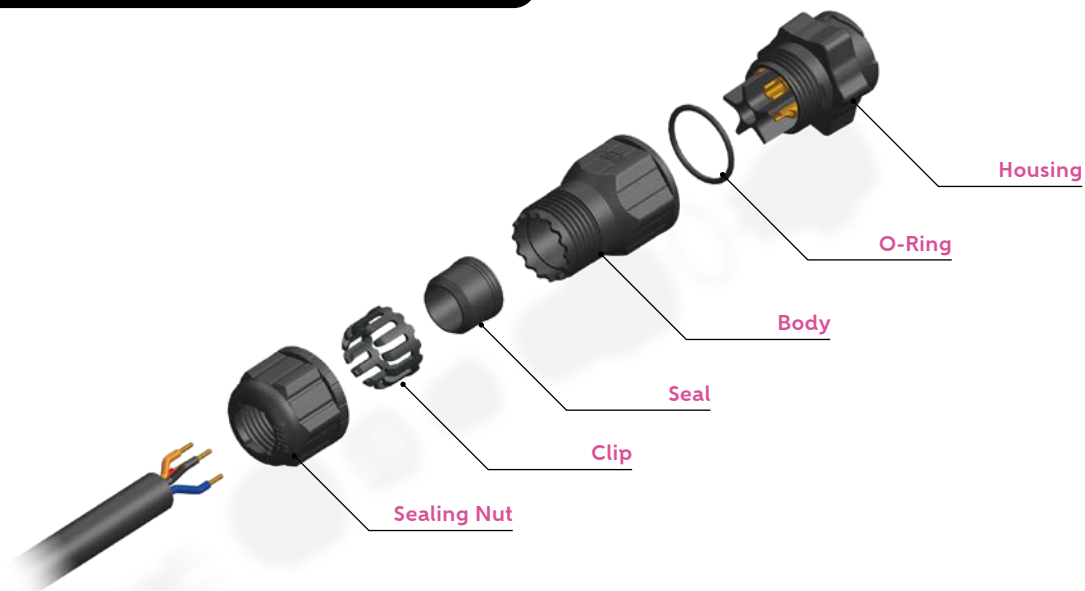
Insert body, o-ring onto the housing.
- 6

Insert seal and clip.
- 7

Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

CCD Male Field Installable

Assembly Instructions



- 1

Strip the cable sheath and insulation.
- 2

Insert the o-ring into the body.
- 3

Insert the cable through the sealing nut, clip, seal and body.
- 4

Solder the stripped cable to connector pins.
- 5

Insert body, o-ring onto the housing.
- 6

Insert seal and clip.
- 7

Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

CCD Accessory Cap IPX7 (Mated)

Features and Benefits

- One sealing surface means less likelihood of failure
- Maintains IPX7 rating for functional integrity when connector is not mated
- IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Series	Description
CPDPPMCKN71	CCD	Female Plastic 3P Lock Cap



Part Number	Series	Description
CPDPPMCKM71	CCD	Female Plastic 3P Lock Cap, With Metal Chain



Part Number	Series	Description
CPDPPMCKP71	CCD	Female Plastic 3P Lock Cap, With Rubber Chain



