



D-SUB series

D-SUB

ODS Electronics

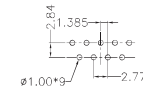
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PCB LAYOUT

PCB LAYOUT

D-SUB 9PIN & 15PIN, PCB

Male Connector
Male Pin
&
Female Connector
Female Pin

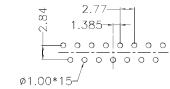


9

Current

5A

Male Connector
Male Pin
&
Female Connector
Female Pin



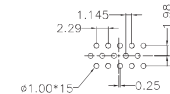
15

Current

5A

HD-SUB 15PIN, PCB

Male Connector
Male Pin

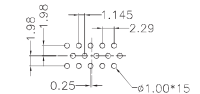


15

Current

2A

Female Connector
Female Pin



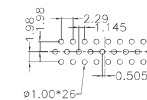
15

Current

2A

HD-SUB 26PIN, PCB

Male Connector
Male Pin

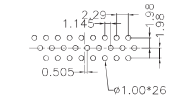


26

Current

2A

Female Connector
Female Pin



26

Current

2A

D-SUB

Product Specifications

Contact Number	9P & 15P	Withstanding Voltage	AC 500V/1 minute
Housing	Nylon+GF or ABS	Temperature Range	Panel Type -40°C ~ +105°C Cable Type -20°C ~ +80°C
Shell	Steel, Nickel & Tin Finished	Salt Spray	48 hr.
Terminal	Copper Alloy, Gold Plated	Protection Class	Panel Type IPX8 (unmated) Cable Type IPX7 (mated)
Mating Style	Screw Thread	Durability	500 times
Max Panel Thickness	1.2~2.0mm	Standard	MIL-DTL-24308G
Current Rating	5A	Cable Style	UL2464
Contact Resistance	≤ 20mΩ		
Insulation Resistance	≥ 100MΩ at DC 500V		

How to Order

DBDPX XX XCC - SSX8001

Connector Style
F - Female
M - Male

Number of Contacts
9, 15

Contact Type
F - Female
M - Male

Assembly Style
S - Solder Type
P - PCB Type
R - Right Angle PCB Type

DBDAX XX XCC - SLC7AXX

Connector Style
F - Female
M - Male

Number of Contacts
9, 15

Contact Type
F - Female
M - Male

Cable Type / Length (M)
A01~A99

High Density D-SUB

Product Specifications

Contact Number	15P & 26P	Withstanding Voltage	AC 500V/1 minute
Housing	Nylon+GF or ABS	Temperature Range	Panel Type -40°C ~ +105°C Cable Type -20°C ~ +80°C
Shell	Steel, Nickel & Tin Finished	Salt Spray	48 hr.
Terminal	Copper Alloy, Gold Plated	Protection Class	Panel Type IPX8 (unmated) Cable Type IPX7 (mated)
Mating Style	Screw Thread	Durability	500 times
Max Panel Thickness	1.2~2.0mm	Standard	MIL-DTL-24308G
Current Rating	2A	Cable Style	UL2464
Contact Resistance	≤ 20mΩ		
Insulation Resistance	≥ 100MΩ at DC 500V		

How to Order

DBHPX XX XBB - SSX8001

Connector Style
F - Female
M - Male

Number of Contacts
15, 26

Contact Type
F - Female
M - Male

Assembly Style
S - Solder Type
P - PCB Type
R - Right Angle PCB Type

DBHAX XX XBB - SLC7AXX

Connector Style
F - Female
M - Male

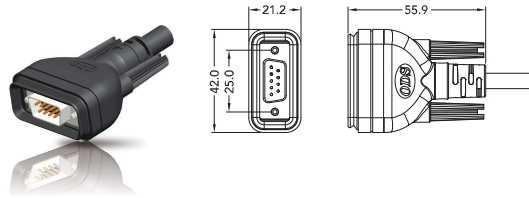
Number of Contacts
15, 26

Contact Type
F - Female
M - Male

Cable Type / Length (M)
A01~A99

D-SUB Cable Assy (Plastic)

Straight, IPX7



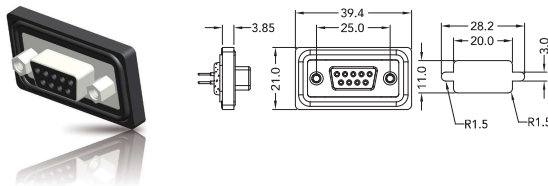
Features and Benefits

- Standard D-Sub 9P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBDAM09MCC-SLC7AXX	Male Conn, Overmoulded With Cable

D-SUB Receptacle (Plastic)

Front Fastened, IPX8



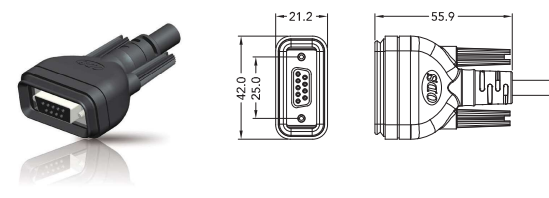
Features and Benefits

- Standard D-Sub 9P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBDPF09FCC-SSP8001	Female Conn, 180° PCB Contact	DBDPF09FCC-SSS8001	Female Conn, Solder Contact
DBDPF09FCC-SSR8001	Female Conn, 90° PCB Contact		

D-SUB Cable Assy (Plastic)

Straight, IPX7



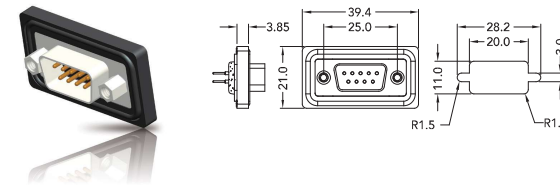
Features and Benefits

- Standard D-Sub 9P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBDAF09FCC-SLC7AXX	Female Conn, Overmoulded With Cable

D-SUB Receptacle (Plastic)

Front Fastened, IPX8



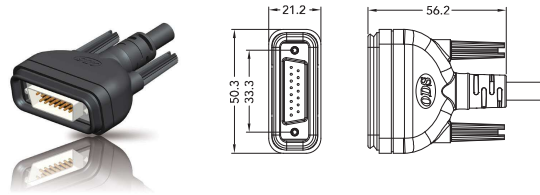
Features and Benefits

- Standard D-Sub 9P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBDPM09MCC-SSP8001	Male Conn, 180° PCB Contact	DBDPM09MCC-SSS8001	Male Conn, Solder Contact
DBDPM09MCC-SSR8001	Male Conn, 90° PCB Contact		

D-SUB Cable Assy (Plastic)

Straight, IPX7



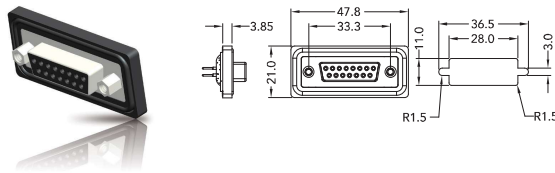
Features and Benefits

- Standard D-Sub 9P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBDAM15MCC-SLC7AXX	Male Conn, Overmoulded With Cable

D-SUB Receptacle (Plastic)

Front Fastened, IPX8



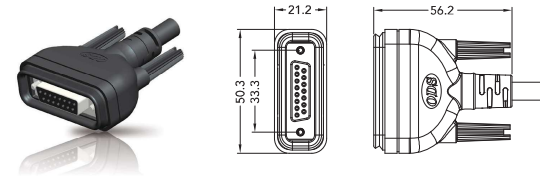
Features and Benefits

- Standard D-Sub 15P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBDPF15FCC-SSP8001	Female Conn, 180° PCB Contact	DBDPF15FCC-SSS8001	Female Conn, Solder Contact
DBDPF15FCC-SSR8001	Female Conn, 90° PCB Contact		

D-SUB Cable Assy (Plastic)

Straight, IPX7



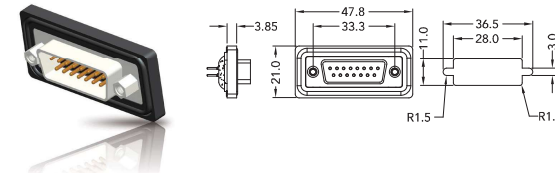
Features and Benefits

- Standard D-Sub 9P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBDAF15FCC-SLC7AXX	Female Conn, Overmoulded With Cable

D-SUB Receptacle (Plastic)

Front Fastened, IPX8



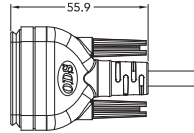
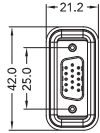
Features and Benefits

- Standard D-Sub 15P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBDPM15MCC-SSP8001	Male Conn, 180° PCB Contact	DBDPM15MCC-SSS8001	Male Conn, Solder Contact
DBDPM15MCC-SSR8001	Male Conn, 90° PCB Contact		

High Density-SUB Cable Assy (Plastic)

Straight, IPX7



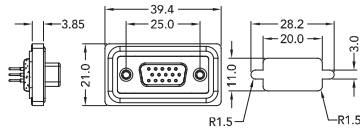
Features and Benefits

- High-Density D-Sub 15P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBHAM15MBB-SLC7AXX	Male Conn, Overmoulded With Cable

High Density-SUB Receptacle (Plastic)

Front Fastened, IPX8



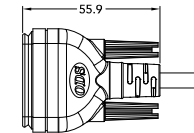
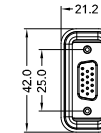
Features and Benefits

- High-Density D-Sub 15P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBHPF15FBB-SSP8001	Female Conn, 180° PCB Contact	DBHPF15FBB-SSS8001	Female Conn, Solder Contact
DBHPF15FBB-SSR8001	Female Conn, 90° PCB Contact		

High Density-SUB Cable Assy (Plastic)

Straight, IPX7



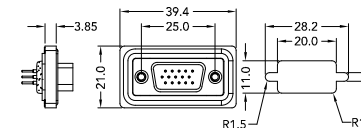
Features and Benefits

- High-Density D-Sub 15P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBHAF15FBB-SLC7AXX	Female Conn, Overmoulded With Cable

High Density-SUB Receptacle (Plastic)

Front Fastened, IPX8



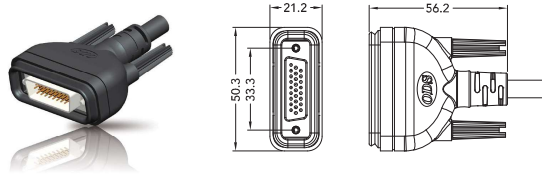
Features and Benefits

- High-Density D-Sub 15P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBHPM15MBB-SSP8001	Male Conn, 180° PCB Contact	DBHPM15MBB-SSS8001	Male Conn, Solder Contact
DBHPM15MBB-SSR8001	Male Conn, 90° PCB Contact		

High Density-SUB Cable Assy (Plastic)

Straight, IPX7



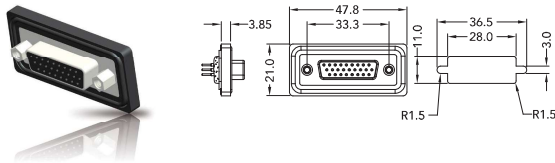
Features and Benefits

- High-Density D-Sub 26P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBHAM26MBB-SLC7AXX	Male Conn, Overmoulded With Cable

High Density-SUB Receptacle (Plastic)

Front Fastened, IPX8



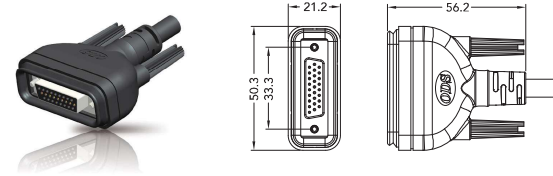
Features and Benefits

- High-Density D-Sub 26P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBHPF26FBB-SSP8001	Female Conn, 180° PCB Contact	DBHPF26FBB-SSS8001	Female Conn, Solder Contact
DBHPF26FBB-SSR8001	Female Conn, 90° PCB Contact		

High Density-SUB Cable Assy (Plastic)

Straight, IPX7



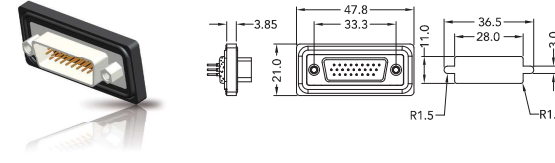
Features and Benefits

- High-Density D-Sub 26P Cable Overmoulding
- IPX7 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description
DBHAF26FBB-SLC7AXX	Female Conn, Overmoulded With Cable

High Density-SUB Receptacle (Plastic)

Front Fastened, IPX8



Features and Benefits

- High-Density D-Sub 26P Receptacle
- Various connection types: Solder, PCB Straight and R/A
- IPX8 rated for harsh environments
- Up to 1,000 mating cycles
- Configurable & customizable

Part Number	Description	Part Number	Description
DBHPM26MBB-SSP8001	Male Conn, 180° PCB Contact	DBHPM26MBB-SSS8001	Male Conn, Solder Contact
DBHPM26MBB-SSR8001	Male Conn, 90° PCB Contact		