

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

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**MP002474** D-Sub 9P Panel Female Solder

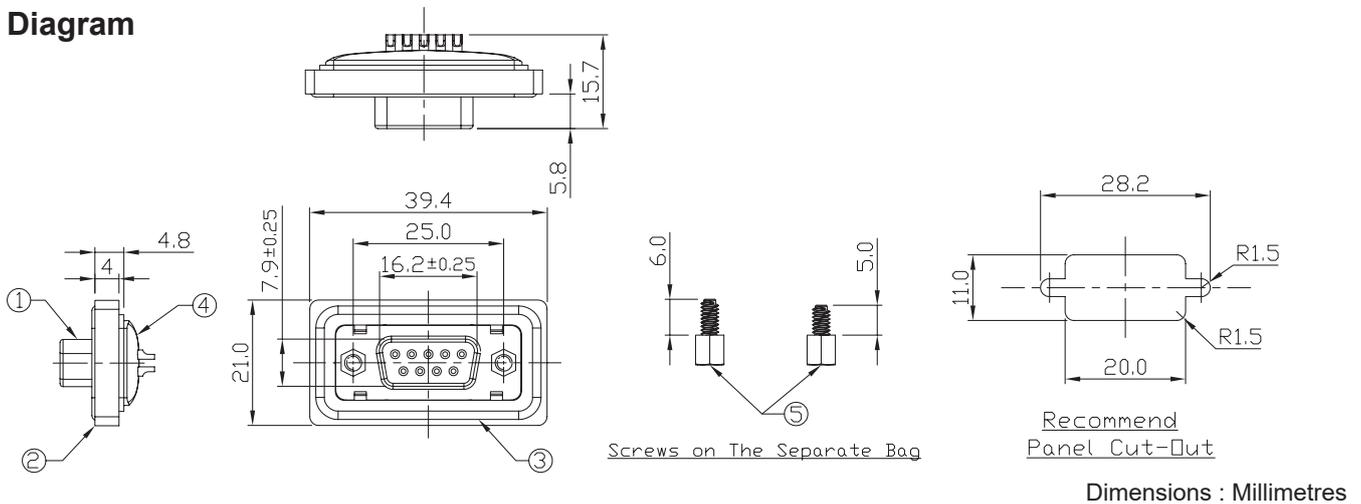
**RoHS  
Compliant**



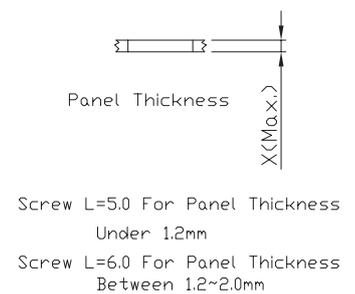
## Specifications

IP Rating : IP68  
 Recommend Panel Thickness : 0.8mm to 2mm  
 Recommend Torque : 5 to 6 Kgf-cm

## Diagram



No.	Part Name	Material/Finish	Qty.
1	D-Sub 9P Female	Housing: Thermoplastic; Colour: Clear	1
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: Steel; Finish: Sn Plated	
2	Housing	Thermoplastic; Colour: Black	
3	O-Ring	Silicone; Colour: Red	
4	Glue	Epoxy; Colour: Black	
5	Machine Screw	#4-40, Copper Alloy; Finish: Ni Plated	



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# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

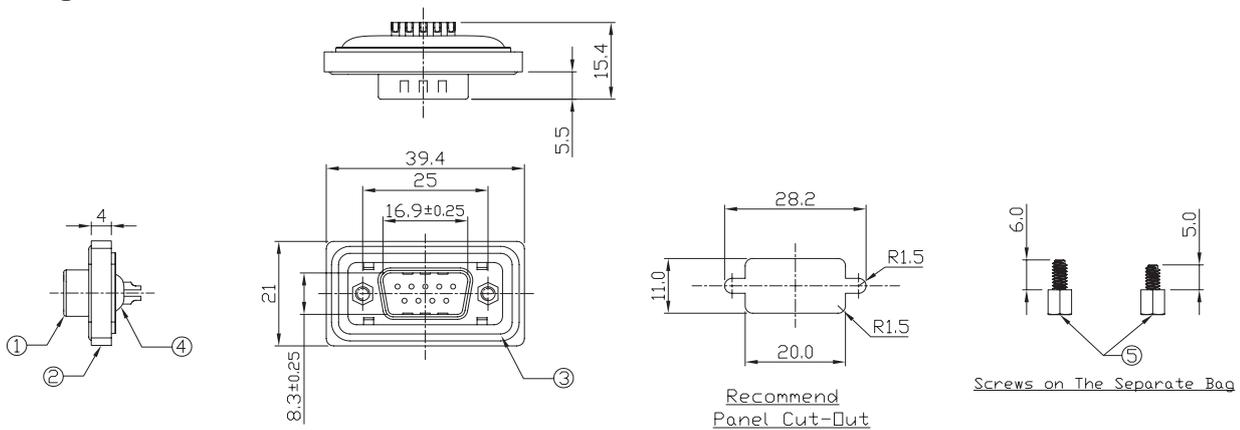
**MP002475** D-Sub 9P Panel Male Solder



## Specifications

IP Rating : IP68  
 Recommend Panel Thickness : 0.8mm to 2mm  
 Recommend Torque : 5 to 6 Kgf-cm

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	D-Sub 9P Male	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: Steel; Finish: Sn Plated	
2	Housing	Thermoplastic; Colour: Black	
3	O-Ring	Silicone; Colour: Red	
4	Glue	Epoxy; Colour: Black	
5	Machine Screw	#4-40, Copper Alloy; Finish: Ni Plated	



Screw L=5.0 For Panel Thickness Under 1.2mm  
 Screw L=6.0 For Panel Thickness Between 1.2~2.0mm

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

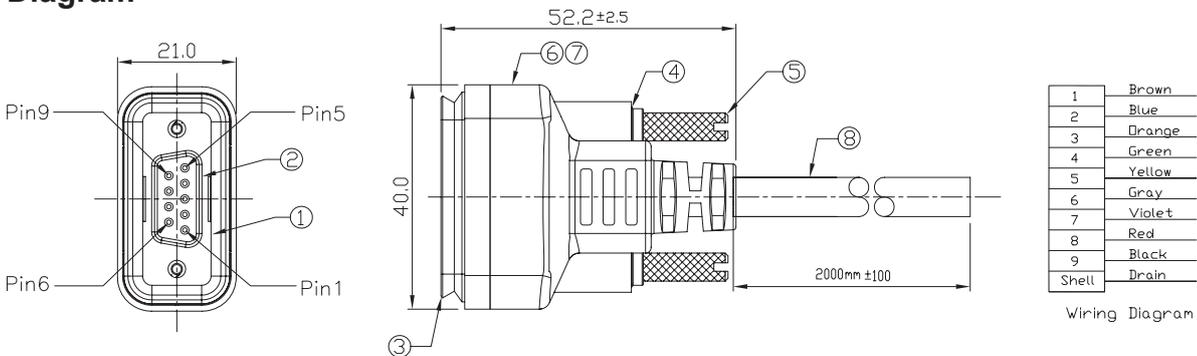
**MP002476** D-Sub 5A 9P Cable End Female



## Specification

IP Rating : IP67

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Thermoplastic; Colour: Black	1
2	D-Sub 5A 9P Female	Housing: Thermoplastic; Colour: Black	
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: Cold Roll Steel; Finish: Sn Plated	
3	Rubber Pad	EPDM; Colour: Black	2
4	Gasket	EPDM; Colour: Black	
5	Machine Screw	Stainless; Finish: Non	1
6	Inner Mold	Thermoplastic; Colour: White	
7	Over Mold	PVC; Colour: Black	
8	Cable	UL2464 24AWG×9C+AL/My+D Colour: Black, OD = 6mm	1

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

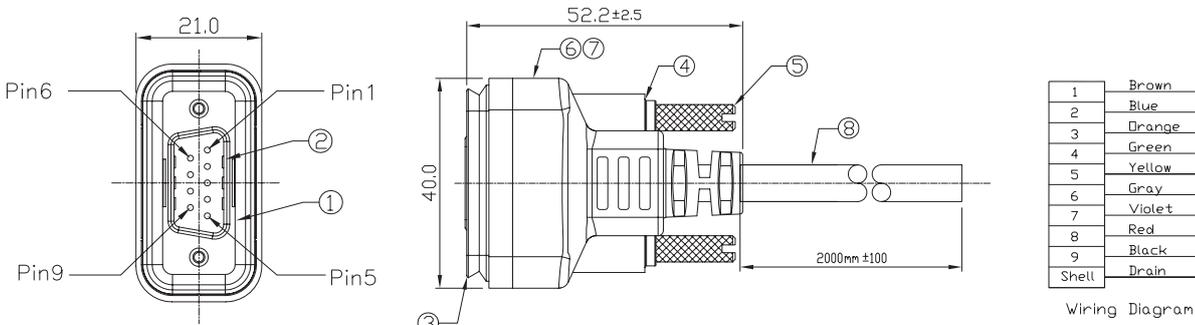
**MP002477** D-Sub 5A 9P Cable End Male



## Specification

IP Rating : IP67

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Thermoplastic; Colour: Black	1
2	D-Sub 5A 9P Female	Housing: Thermoplastic; Colour: Black	
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: Cold Roll Steel; Finish: Sn Plated	
3	Rubber Pad	EPDM; Colour: Black	2
4	Gasket	EPDM; Colour: Black	
5	Machine Screw	Stainless; Finish: Non	1
6	Inner Mold	Thermoplastic; Colour: White	
7	Over Mold	PVC; Colour: Black	
8	Cable	UL2464 24AWG×9C+AL/My+D Colour: Black, OD = 6mm	1

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

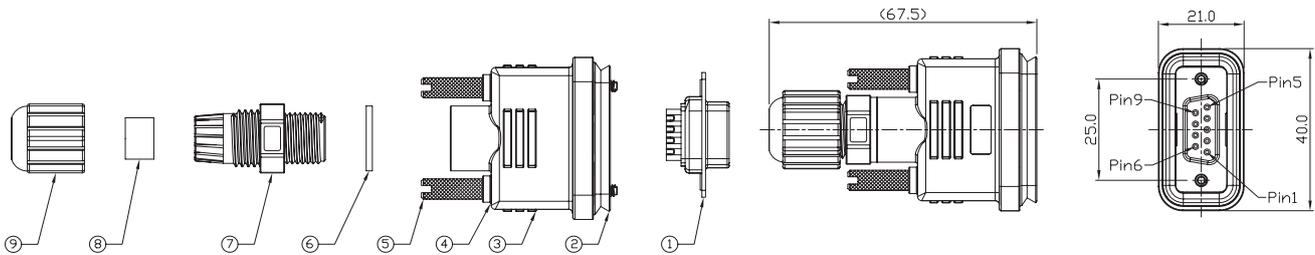
**MP002478** D-Sub 5A 9P Field Installed Cable end Female Solder



## Specifications

IP Rating : IP67  
 Suitable Cable OD : 4mm to 8mm  
 Recommend Cover Torque : 6 to 7Kgf-cm  
 Recommend Gland Nut Torque : 9 to 10Kgf-cm

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	D-Sub 9P Female	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: SPCC; Finish: Ni Plated	
2	Seal	EPDM; Colour: Black	2
3	Housing	Thermoplastic; Colour: Black	
4	Gasket	EPDM; Colour: Black	1
5	Screw	Cutting Iron; Finish: Ni Plated	
6	Gasket	EPDM; Colour: Black	1
7	Cover	Thermoplastic; Colour: Black	
8	Gland	Silicone; Colour: Black	
9	Gland Nut	Thermoplastic; Colour: Black	

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

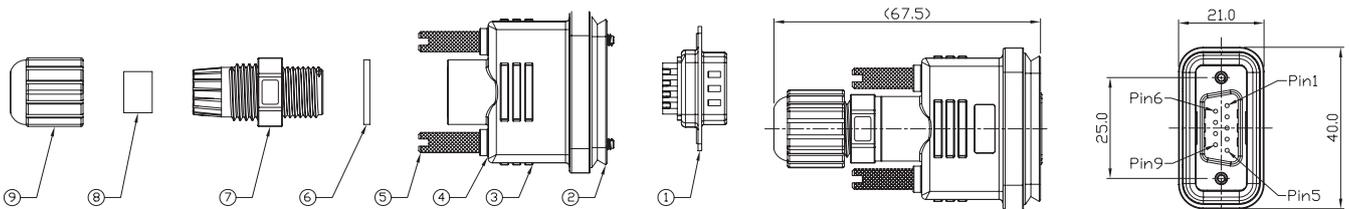
**MP002479** D-Sub 5A 9P Field Installed Cable end Male Solder



## Specifications

IP Rating : IP67  
 Suitable Cable OD : 4mm to 8mm  
 Recommend Cover Torque : 6 to 7Kgf-cm  
 Recommend Gland Nut Torque : 9 to 10Kgf-cm

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	D-Sub 9P Male	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: SPCC; Finish: Ni Plated	
2	Seal	EPDM; Colour: Black	2
3	Housing	Thermoplastic; Colour: Black	
4	Gasket	EPDM; Colour: Black	1
5	Screw	Cutting Iron; Finish: Ni Plated	
6	Gasket	EPDM; Colour: Black	1
7	Cover	Thermoplastic; Colour: Black	
8	Gland	Silicone; Colour: Black	
9	Gland Nut	Thermoplastic; Colour: Black	

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

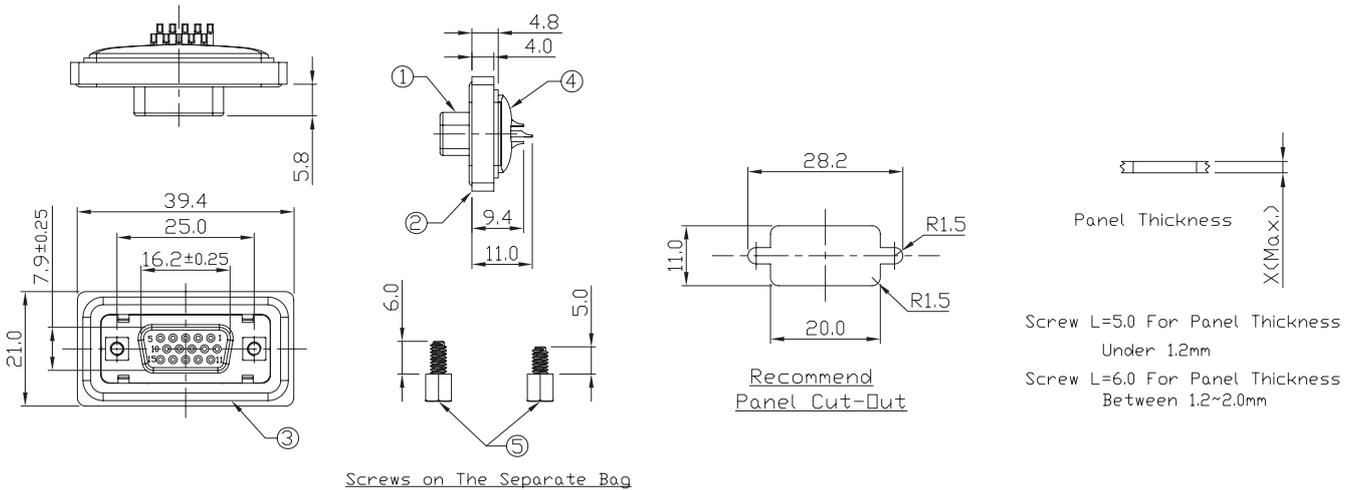
**MP002480** D-Sub HD 5A 15P Panel Female Solder



### Specifications

IP Rating : IP68  
 Recommend Panel Thickness : 0.8mm to 2mm  
 Recommend Torque : 2.5 to 3Kgf-cm

### Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	HD 15P Female D-Sub	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Gold Flash	
		Shell: Cold Roll Steel; Finish: Ni Plated	
2	Housing	Thermoplastic; Colour: Black	
3	O-Ring	Silicone; Colour: Red	
4	Glue	Epoxy; Colour: Black	-
5	Screw	#4-40, Copper Alloy; Finish: Ni Plated	2

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

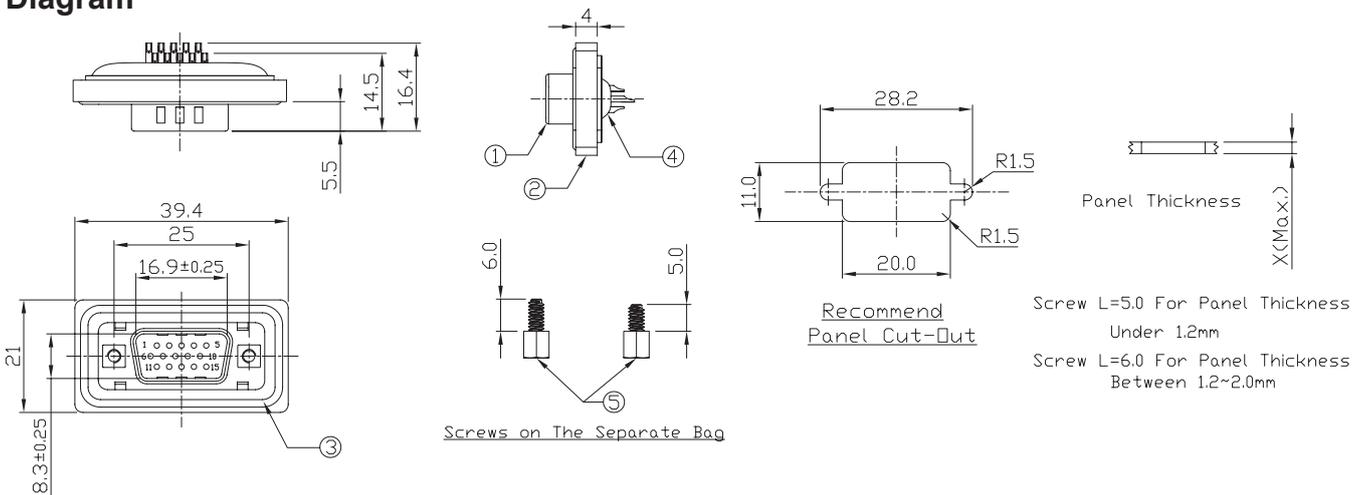
**MP002481** D-Sub HD 5A 15P Panel Female Solder



## Specifications

IP Rating : IP68  
 Recommend Panel Thickness : 0.8mm to 2mm  
 Recommend Torque : 2.5 to 3Kgf-cm

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	HD 15P Male D-Sub	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Gold Flash	
		Shell: SPCC; Finish: Ni Plated	
2	Housing	Thermoplastic; Colour: Black	
3	O-Ring	Silicone; Colour: Red	
4	Glue	Epoxy; Colour: Black	-
5	Screw	#4-40, Copper Alloy; Finish: Ni Plated	4

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

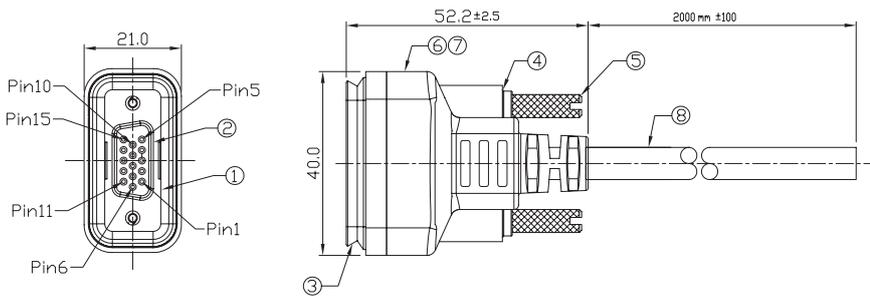
**MP002482** D-Sub HD 5A 15P Cable End Female



## Specification

IP Rating : IP67

## Diagram



1	Brown
2	Blue
3	Orange
4	Green
5	Yellow
6	Gray
7	Pink
8	Red
9	Black
10	White
11	Purple
12	Light Green
13	Black/White
14	Brown/White
15	Red/White
Shell	Drain

Wiring Diagram

Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Thermoplastic; Colour: Black	1
2	D-Sub Female 15P	Contacts: Copper Alloy; Finish: Au Plated	
		Housing: Thermoplastic; Colour: Black Shell: Cold Roll Steel; Finish: Ni Plated	
3	Rubber Pad	EPDM; Colour: Black	2
4	Gasket	EPDM; Colour: Black	
5	Machine Screw	Stainless; Finish: Non	1
6	Inner Mold	Thermoplastic; Colour: White	
7	Over Mold	PVC; Colour: Black	
8	Cable	UL2464 24AWG×15C+D+Al/My OD=7mm, Colour: Black	

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

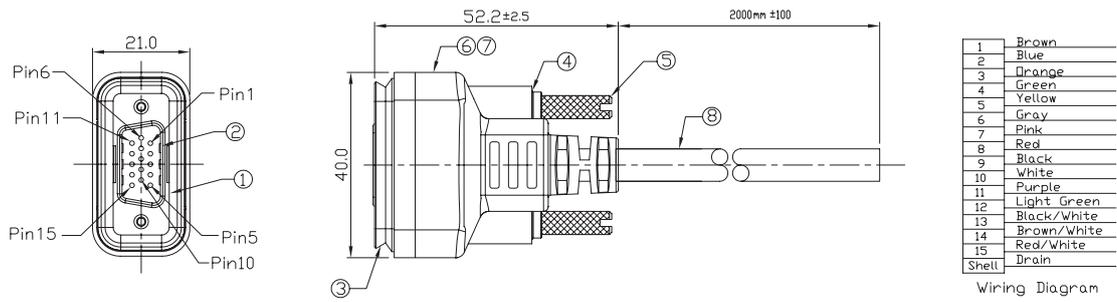
**MP002483** D-Sub HD 5A 15P Cable End Male



## Specification

IP Rating : IP67

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Thermoplastic; Colour: Black	1
2	D-Sub Male 15P	Contacts: Copper Alloy; Finish: Gold Flash	
		Housing: Thermoplastic; Colour: Black	
		Shell: Cold Roll Steel; Finish: Ni Plated	
3	Rubber Pad	EPDM; Colour: Black	2
4	Gasket	EPDM; Colour: Black	
5	Machine Screw	Stainless; Finish: Non	1
6	Inner Mold	Thermoplastic; Colour: White	
7	Over Mold	PVC; Colour: Black	
8	Cable	UL2464 24AWG×15C+D+Al/My OD=7mm, Colour: Black	

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

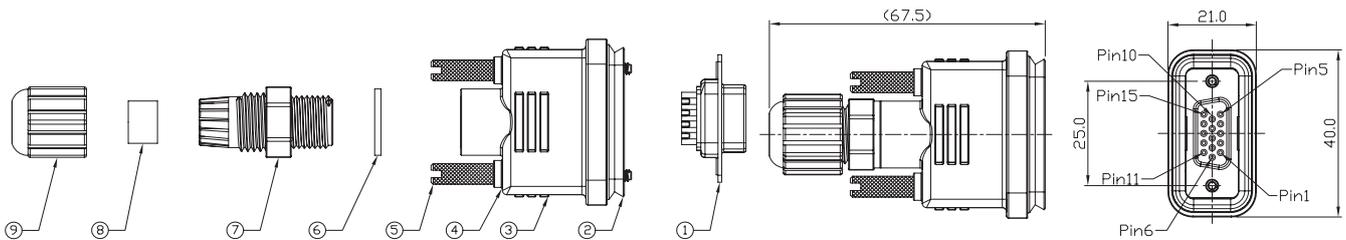
**MP002484** D-Sub HD 5A 15P Field Installed Cable end Female Solder



## Specifications

IP Rating : IP67  
 Suitable Cable OD : 4mm to 8mm  
 Recommend Cover Torque : 6 to 7Kgf-cm  
 Recommend Gland Nut Torque : 9 to 10Kgf-cm

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	D-Sub 15P Female	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Gold Flash	
		Shell: SPCC; Finish: Ni Plated	
2	Seal	EPDM; Colour: Black	2
3	Housing	Thermoplastic; Colour: Black	
4	Gasket	EPDM; Colour: Black	1
5	Screw	Cutting Iron; Finish: Ni Plated	
6	Gasket	EPDM; Colour: Black	1
7	Cover	Thermoplastic; Colour: Black	
8	Gland	Silicone; Colour: Black	
9	Gland Nut	Thermoplastic; Colour: Black	

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap

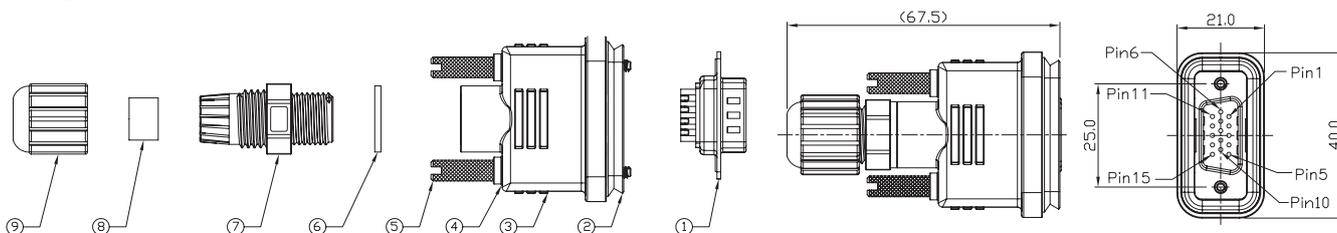
**MP002485** D-Sub HD 5A 15P Field Installed Cable end Male Solder



## Specifications

IP Rating : IP67  
 Suitable Cable OD : 4mm to 8mm  
 Recommend Cover Torque : 6 to 7Kgf-cm  
 Recommend Gland Nut Torque : 9 to 10Kgf-cm

## Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	D-Sub 9P Male	Housing: Thermoplastic; Colour: Black	1
		Contacts: Copper Alloy; Finish: Au Plated	
		Shell: SPCC; Finish: Ni Plated	
2	Seal	EPDM; Colour: Black	2
3	Housing	Thermoplastic; Colour: Black	
4	Gasket	EPDM; Colour: Black	1
5	Screw	Cutting Iron; Finish: Ni Plated	
6	Gasket	EPDM; Colour: Black	
7	Cover	Thermoplastic; Colour: Black	
8	Gland	Silicone; Colour: Black	
9	Gland Nut	Thermoplastic; Colour: Black	

# D-Sub Connectors, Cable Assemblies and Plastic Dust Cap



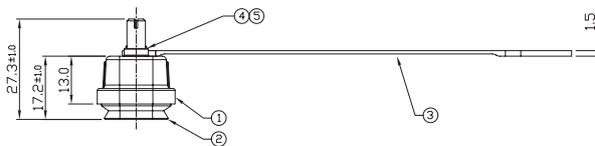
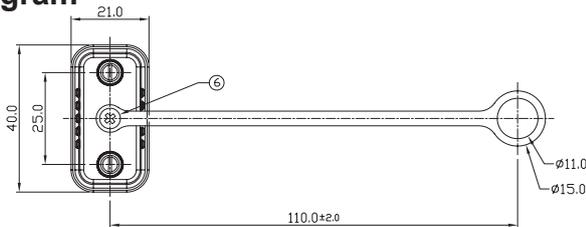
## MP002486 Cap Plastic for D-Sub Stainless Screw Panel with Plastic Chain



### Specifications

IP Rating : IP67  
 Recommend Torque : 2.5 to 3Kgf-cm

### Diagram



Dimensions : Millimetres

No.	Part Name	Material/Finish	Qty.
1	Housing	Thermoplastic; Colour: Black	1
2	Rubber Pad	EPDM; Colour Black	
3	Plastic Chain	Thermoplastic; Colour: Black	
4	Machine Screw	Stainless	
5	Gasket	EPDM; Colour Black	
6	Tapping Screw	Stainless	

### Part Number Table

Description	Part Number
D-Sub Connector, Female, 9P, Solder Contacts, IP68	MP002474
D-Sub Connector, Male, 9P, Solder Contacts, IP68	MP002475
D-Sub Cable Assembly, 9P Female Plug to Free End, Black, 2m, IP67	MP002476
D-Sub Cable Assembly, 9P Male Plug to Free End, Black, 2m, IP67	MP002477
D-Sub Connector with Backshell, Female, 9P, Solder Contacts, IP67	MP002478
D-Sub Connector with Backshell, Male, 9P, Solder Contacts, IP68	MP002479
HD D-Sub Connector, Female, 15P, Solder Contacts, IP68	MP002480
HD D-Sub Connector, Male, 15P, Solder Contacts, IP68	MP002481
D-Sub Cable Assembly, 15P Female Plug to Free End, Black, 2m, IP67	MP002482
D-Sub Cable Assembly, 15P Male Plug to Free End, Black, 2m, IP67	MP002483
D-Sub Connector with Backshell, Female, 15P, Solder Contacts, IP67	MP002484
D-Sub Connector with Backshell, Male, 15P, Solder Contacts, IP67	MP002485
Plastic Dust Cap with Plastic Chain, D-Sub 9P Connector, IP67	MP002486

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