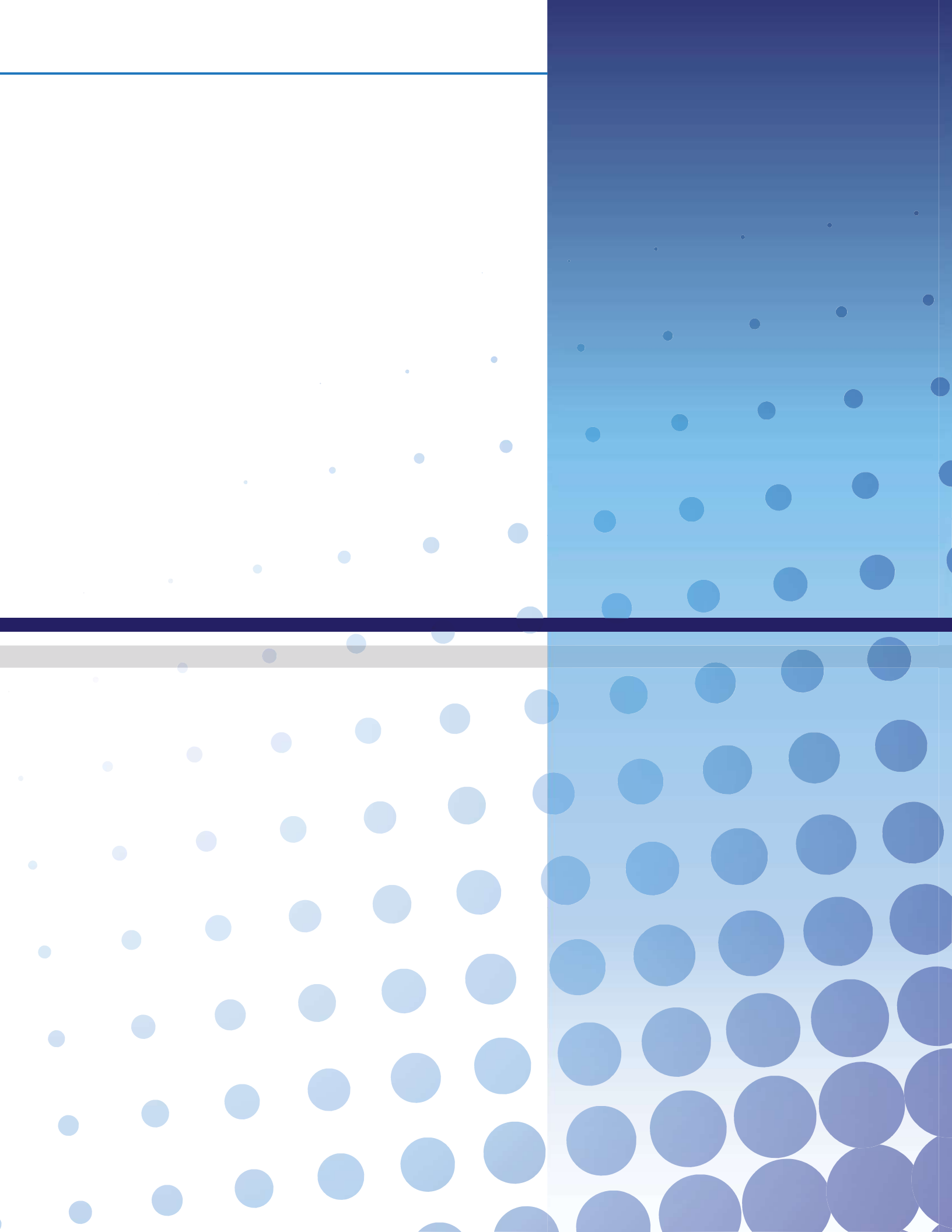


# D-SUB Series

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**D-Sub Standard 9PIN Series**  
**D-Sub Hi-Density 15PIN Series**



# Product

## D-SUB

### 1. Panel Side

Standard D-SUB 9 PIN Panel Screw ( 6mm ) Part No.GT1412 Series.	62
Standard D-SUB 9 PIN Panel Screw (5mm + 6mm) Part No.GT1413 Series.	62

### 2. Cabel End

Standard D-SUB 9 PIN Cable End Part No.GT1413 Series.	62
Standard D-SUB 9 PIN Field Installable Cable End Part No.GT141350-02090.	62

## Hight Density D-SUB

### 1. Panel Side

HI-Density D-SUB 15PIN Panel Part No.GT1463 Series.	63
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### 2. Cable End

HI-Density D-SUB 15 PIN Cable End Part No.GT146 Series.	63
HI-Density D-SUB 15 PIN Field Installable Cable End GT146340//GT146350	63

### 3. Cap

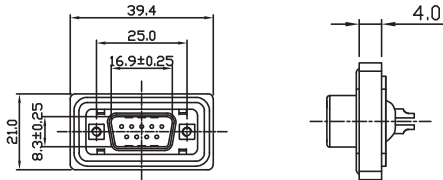
Cap Plastic For D-SUB Part No.GT1C4 Series.	64
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<b>Material</b>		
	<b>D-SUB 9 Pin</b>	<b>HD-SUB 15 Pin</b>
<b>D-SUB Housing (Male // Female)</b>	Thermoplastic	Thermoplastic
<b>D-SUB Shell (Male // Female)</b>	Cold Roller Steel , Ni Plated	Cold Roller Steel , Ni Plated
<b>D-SUB Contacts (Male // Female)</b>	Copper Alloy , Au Plated	Copper Alloy , Gold Flash
<b>Panel Housing</b>	Thermoplastic	Thermoplastic
<b>Panel O-Ring</b>	Silicone	Silicone
<b>Panel Screw #4-40 UNC</b>	Copper Alloy , Ni Plated	Copper Alloy, Ni Plated
<b>Glue</b>	Epoxy	Epoxy
<b>Cable End Housing</b>	Thermoplastic	Thermoplastic
<b>Inner Mold // Over Mold</b>	PVC	PVC
<b>Cable End Rubber Pad</b>	EPDM	EPDM
<b>Cable End Screw #4-40 UNC</b>	SUS 303	SUS 303
<b>Cable End Gasket</b>	EPDM	EPDM

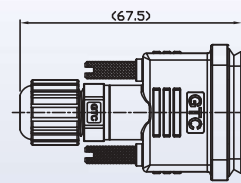
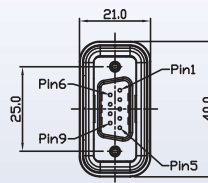
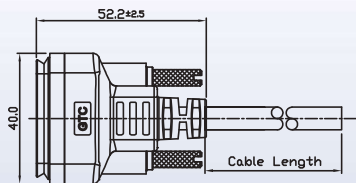
<b>Technical Data</b>	
<b>Insulation Resistance</b>	DC500V±10% , test for 1 minute and the insulation resistance should be more than100MΩ
<b>Dielectric Withstanding Voltage</b>	1000 V AC contact-to-contact, for 1min.
<b>Contact Resistance</b>	30mΩ at 10mA Max.
<b>Durability</b>	500 cycles insertion/extraction cycles at a maximum rate of 200 cycles per hour.
<b>Thermal Shock</b>	5 cycles at -40°C / +105°C , after the test, the function and appearance can't be impacted.
<b>Waterproof Test</b>	Submersion in water 1 meter for 30minutes.
<b>Temperature Range</b>	-40°C / +85°C
<b>Wire Gauge</b>	20 AWG~24 AWG
<b>Current Rating</b>	5.0A

# Standard D-SUB 9 Pin Panel



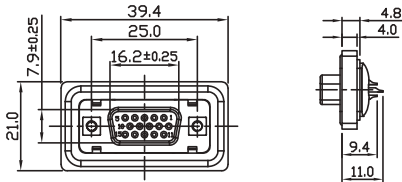
At Rear of Panel	Cable Length	Ordering No.
D-SUB 5A 9P Panel Male Solder (Screw 6mm)		GT141210-02090
D-SUB 5A 9P Panel Female Solder (Screw 5mm + 6mm)		GT141300-02090
D-SUB 5A 9P Panel Male Solde (Screw 5mm + 6mm)		GT141310-02090
D-SUB 5A 9P Panel Female Solder (Screw 5mm + 6mm)		GT141380-02090
D-SUB 5A 9P Panel Male Solder (Screw 7mm)		GT141410-02090

# Standard D-SUB 9 Pin Cable End



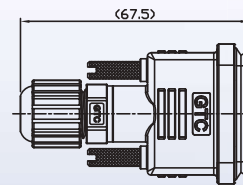
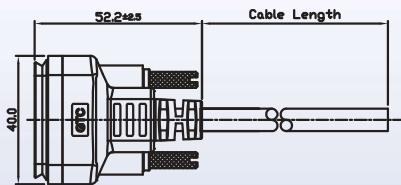
At Rear of Cable	Cable Length	Ordering No.
D-SUB 5A 9P Cable End Female With Cable Blunt Cut	*	GT141320-02091-XX
D-SUB 5A 9P Cable End Male With Cable Blunt Cut	*	GT141330-02091-XX
D-SUB 5A 9P Cable End Male Twin Head With Cable Blunt Cut	*	GT1413A0-02091-XX

At Rear of Cable	Cable Length	Ordering No.
D-SUB 5A 9P Field Installable Cable End Male Solder		GT141350-02090



At Rear of Panel	Cable Length	Ordering No.
D-SUB HD 5A 15P Panel Female Solder (Screw 5mm)		GT146100-02150
D-SUB HD 5A 15P Panel Female Solder (Screw 5mm+6mm)		GT146300-02150
D-SUB HD 5A 15P Panel Male Solder (Screw 5mm+6mm)		GT146310-02050

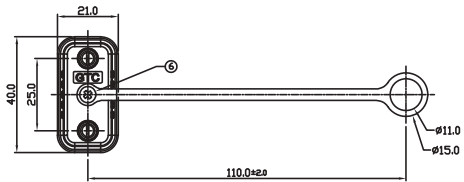
## HI-Density D-SUB 15 Pin Cable End



At Rear of Cable	Cable Length	Ordering No.
D-SUB HD 5A 15P Cable End Female With Cable Blunt Cut	*	GT146320-02151-XX
D-SUB HD 5A 15P Cable End Male With Cable Blunt Cut	*	GT146330-02151-XX

At Rear of Cable	Cable Length	Ordering No.
D-SUB HD 5A 15P Field Installable Cable End Female Solder		GT146340-02150
D-SUB HD 5A 15P Field Installable Cable End Male Solder		GT146350-02150

# D-SUB Series Connector Cap



Appearance	Ordering No.
Cap Plastic for D-SUB Screw Panel	GT1C413002
Cap Plastic for D-SUB Screw Panel With Plastic Lanyard	GT1C413032
Cap Plastic for D-SUB Stainless Screw Panel With Metal Lanyard	GT1C414012
Cap Plastic for D-SUB Stainless Screw Panel With Plastic Lanyard	GT1C414032