

Features

- Circular DC
- Field Installable
- Pin 2.0mm Diameter
- Used in automotive, marine, solar, industrial.

RS PRO DC Power Connectors

RS Stock No.: 0707063



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

DC panel mounts are components used to securely connect and manage direct current (DC) power through panels or enclosures. Designed for reliability and ease of integration, many feature field-installable connectors—allowing quick, tool-assisted assembly and maintenance directly in the field without the need for factory pre-termination. These mounts provide safe, organized access points for power distribution in systems such as vehicles, solar installations, and industrial equipment. They ensure stable connections, reduce wire strain, and simplify system upgrades or repairs. In solar setups, they connect panels to controllers or batteries; in vehicles, they power accessories like lights and radios. Their rugged construction, flexibility in installation, and compatibility with standard devices make them indispensable for efficient and adaptable DC power management.

General Specifications

Body Orientation	Straight
Contact Material	Copper Alloy
Housing Material	Thermoplastic
Contact Plating	Nickel
Contact Gender	Male (Pin)
Shield Option	Unshielded

Electrical Specifications

Current Rating	3.0A
Contact Resistance	50mΩ at 10mA Max.
Insulation Resistance	DC500V±10%, test for 1 minute and the insulation resistance should be more than 100MΩ
Dielectric Withstand	500 V DC/AC peak, contact-to-contact. for 1 minute.
Termination Style	Cable End Screw

Mechanical Specifications

Pin Diameter	2.0mm
Mounting Type	Panel;

Wire AWG	17 – 20 AWG
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Operation Environment Specifications

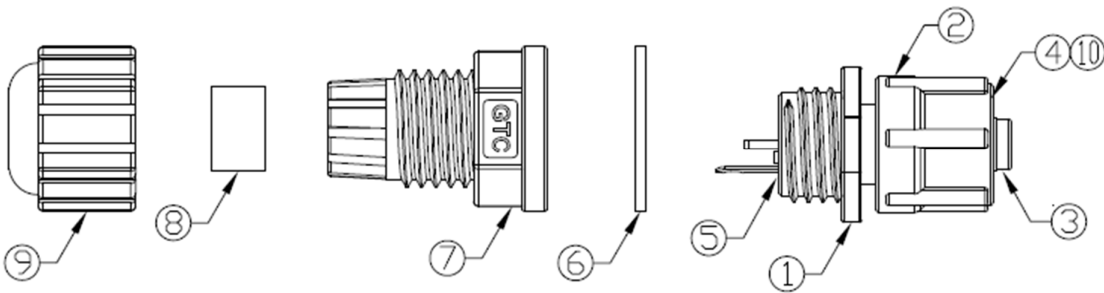
Maximum Operating Temperature	80 °C
Minimum Operating Temperature	-40 °C

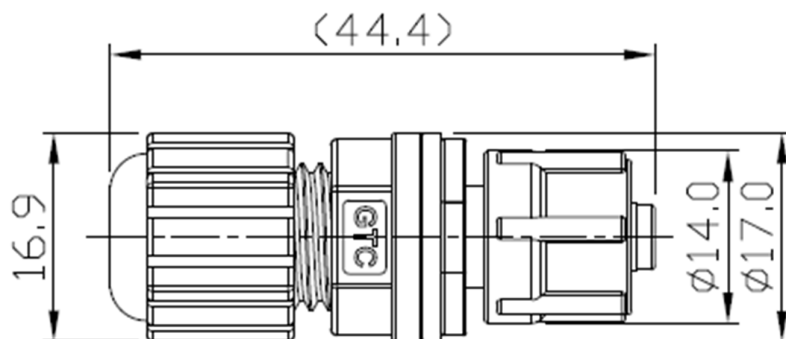
Protection Category

IP Rating	IP67
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Approvals

Compliance/Certifications	RoHS / REACH
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10	C-Ring	SWB Finish: Zn Plated	1
9	Gland Nut	Thermoplastic Color: Black	1
8	Gland	NBR Color: Black	1
7	Cover	Thermoplastic Color: Black	1
6	Gasket	EPDM Color: Black	1
5	Glue	Epoxy Color: Black	
4	O-Ring	Silicone Color: Red	1
3	DC Plug	Housing: Thermoplastic; Color: Black Neg. Terminal: Copper Alloy; Finish: Ni Plated Pos. Terminal: Copper Alloy; Finish: Ni Plated	1
2	Screw Nut	Thermoplastic Color: Black	1
1	Housing	Thermoplastic Color: Black	1
Item	Part Name	Material / Finish	Q'ty

Similar Products

Parameters	Stock#	Stock#	Stock#
Brand	RS PRO	RS PRO	RS PRO
RS Article Number	0707059	0707061	0707062
DC Power Connector Type	Panel Mount	Field Installable	Panel Mount
Body Orientation	Straight	Straight	Straight
Housing Material	Thermoplastic	Thermoplastic	Thermoplastic
Current Rating	7.0A	7.0A	3.0A
Pin Diameter	2.5mm	2.5mm	2.0mm

