

Features

- Dual USB Panel Mount with USB-A Plug
- C4 Size
- 300mm Cable Length
- Use for Vehicle Installations, Marine Applications, Off-grid Systems, Workstations & Desks, Industrial Equipment etc

RS PRO USB Connectors

RS Stock No.: 0707070



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.

Product Description

A Dual USB Panel Mount is a convenient and efficient solution for powering or charging multiple devices simultaneously. Designed for easy installation in vehicles, boats, or equipment panels, it offers two USB ports for powering smartphones, tablets, GPS units, and more. With a secure, flush-mount design, it ensures a neat, professional appearance while maintaining durability. Ideal for custom installations, this device provides reliable connectivity and power distribution, enhancing functionality in both personal and commercial applications.

General Specifications

Housing Material	Thermoplastic
Hex Nut Material	Thermoplastic
Gasket Material	Silicone
USB-A Receptacle Shell Material	Copper Alloy w/ Nickel Plated
Contact Material	Copper Alloy w/ Gold plating
Over Mold Material	PVC

Electrical Specifications

Current	2.1A
Dielectric Withstanding Voltage	500 V DC/AC peak, contact-to-contact, for 1 minute.
Insulation Resistance	DC 500V $\pm$ 10%,test for 1 minute and the insulation resistance should be more than 1000M Ω
Contact Resistance	30m Ω at 10mA Max

Mechanical Specifications

Cable Length	300mm
Connector Size	C4
Recommended Panel Thickness	0.8 to 12.0mm
Recommended Torque	19-20 Kgf-cm

Operation Environment Specifications

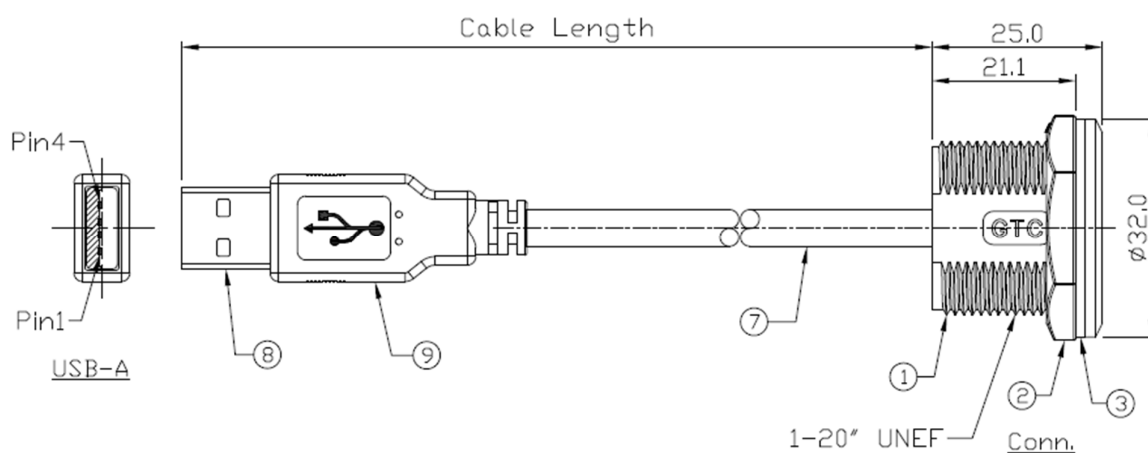
Operating Temperature	-40 °C to +85 °C
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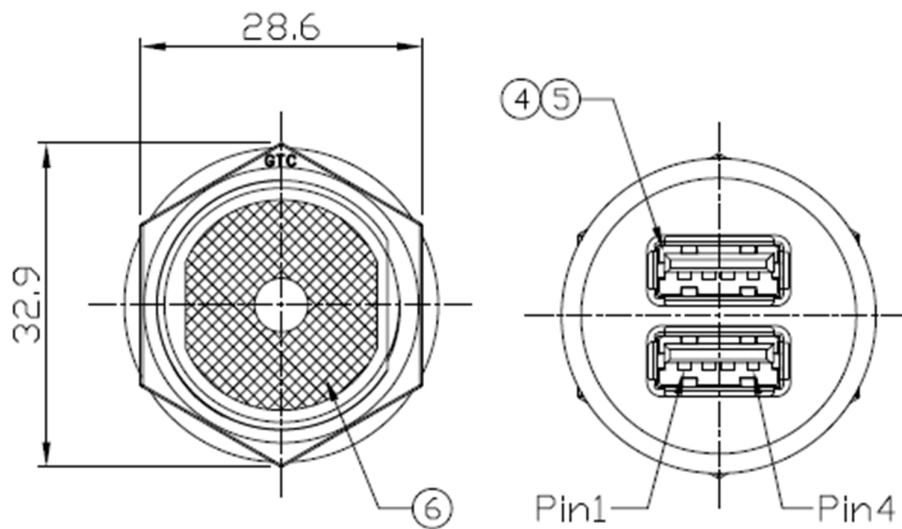
Protection Category

IP Rating	IP67
Waterproof Test	Submersion in water 1 meter for 30 minutes.

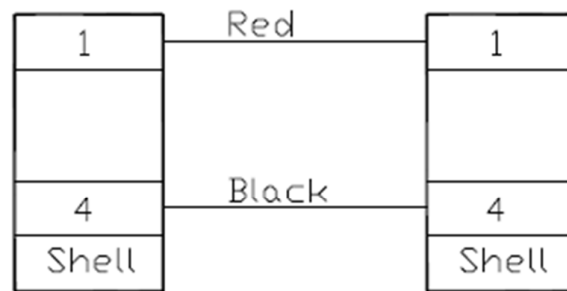
Approvals

Compliance/Certifications	RoHS
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Recommend
Panel Cut-Out



USB-A

Conn.

Wiring Diagram

9	Over Mold	PVC Color: Black	1
8	USB-A Plug	Housing: Thermoplastic, Color: Black Contacts: Copper Alloy, Finish: Au Plated Shell: Cold Roll Steel, Finish: Ni Plated	1
7	Cable	UL2464 2C*22AWG+Al/My+D, OD=5.0mm Color: Black	1
6	Glue	Epoxy Color: Black	
5	PCB	FR-4 Color: _____	1
4	USB-A Receptacle	Housing: Thermoplastic, Color: Black Contacts: Copper Alloy, Finish: Au Plated Shell: Copper Alloy, Finish: Ni Plated	2
3	Gasket	Silicone Color: Black	1
2	Hex Nut	Thermoplastic Color: Black	1
1	Housing	Thermoplastic Color: Black	1
Item	Part Name	Material / Finish	QTY