

Features

- RJ45 Stainless Steel Shielded Panel Jack Screw with RJ45 Jack
- C3 Size
- Used for Industrial Equipment, Vehicle and Mobile Units, Home Networks, Panels in Offices, Network Racks & Server Cabinets etc.

RS PRO Ethernet Connectors

RS Stock No.: 0707072



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.

An RJ45 panel mount with an RJ45 jack is commonly used to provide a secure and organized Ethernet connection point in various environments. Ideal for network setups in offices, data centers, vehicles, and industrial equipment, it allows easy and reliable access to LAN or internet connections. The panel mount ensures durability and prevents cable strain, while the RJ45 jack offers an interface for connecting routers, switches, or computers, promoting efficient data transmission and structured cabling systems.

General Specifications

Housing Material	Stainless Steel
Spanner Nut Material	SUS316
RJ45 Receptacle Shell Material	Cold Roll Steel w/ Nickel Plated
RJ45 Receptacle Housing Material	Thermoplastic
Contact Material	Copper Alloy w/ Gold plating

Electrical Specifications

Current Rating	1.5A
Voltage	50VAC/DC
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 100M Ω
Contact Resistance	20m Ω at 10mA Max

Mechanical Specifications

Connector Size	C3
Recommended Panel Thickness	0.8 to 5.0mm
Recommended Torque	19-20 Kgf-cm

Operation Environment Specifications

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

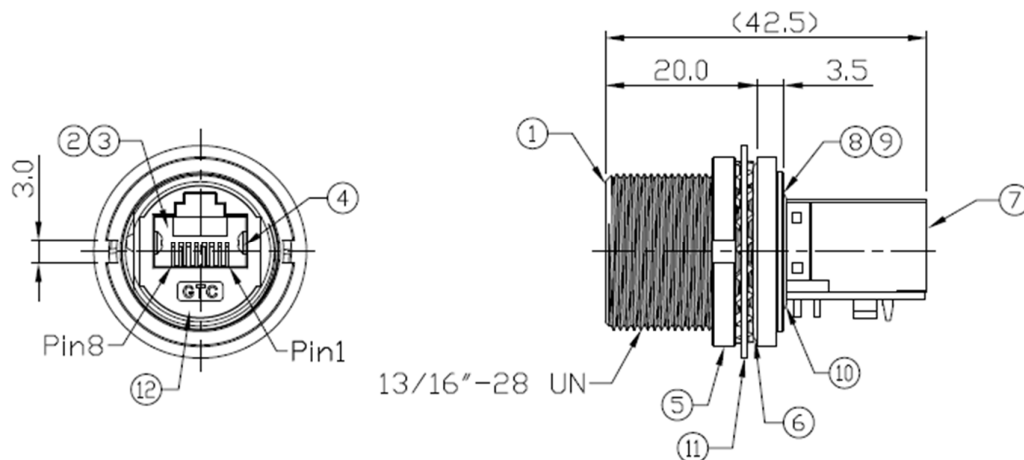
IP Rating	IP68
Waterproof Test	Submersion in water 1 meter for 30 minutes.

Approvals

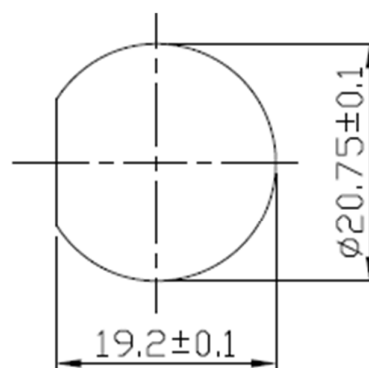
Compliance/Certifications	RoHS
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Mating Cap

RS Article	0707079
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12	Housing	Thermoplastic Color: Black	1
11	Washer	Stainless Finish: -	1
10	Glue	Epoxy Color: Black	
9	PCB	FR-4 Color: -	1
8	Holder	Silicone Color: Black	1
7	RJ45 Receptacle	Shell: Copper Alloy; Finish: Ni Plated Housing: Thermoplastic; Color: Black Contacts: Copper Alloy; Finish: Au Plated	1
6	O-Ring	Silicone Color: Red	1
5	Spanner Nut	SUS316 Finish: -	1
4	EMI Shielded Plate	Copper Alloy Finish: Ni Plated	2
3	Holder	Thermoplastic Color: Black	1
2	RJ45 Receptacle	Housing: Thermoplastic; Color: Gray Contacts: Copper Alloy; Finish: Au Plated	1
1	Metal Body	SUS316 Finish: -	1
Item	Part Name	Material / Finish	Q'ty



Recommend
Panel Cut-Out