

Features

- Micro Sim Card
- C3 Panel Mount
- For use in IoT devices, Industrial Equipment, GPS trackers, Telematics Systems, Vending Machines/Kiosks, Security systems, Remote terminals etc.

RS PRO Memory Card Connectors

RS Stock No.: 0707064



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 micro SIM card panel mount is a compact and convenient solution for securely housing micro SIM cards in electronic devices. It enables easy access to the SIM card without opening the entire device, which is particularly useful in embedded systems, IoT devices, and industrial applications. Panel mounts provide robust protection against environmental factors such as dust and moisture, enhancing device durability. They also streamline maintenance and SIM card replacement, minimizing downtime. Ideal for applications requiring remote connectivity, panel mounts help maintain reliable communication by ensuring stable SIM placement, thereby improving the overall performance and reliability of mobile and wireless systems.

General Specifications

Housing Material	Thermoplastic
Contact Material	Copper Alloy
Contact Plating	Gold
Micro Sim Card Receptacle Terminal	Copper Alloy, Au Plated
Micro Sim Card Receptacle Shell	Stainless Steel
Body Orientation	Straight
Gasket	Silicone
Colour	Black
Connector type	Panel Jack Screw Dip

Electrical Specifications

Current	0.5A
Dielectric Withstanding Voltage	500 V DC/AC peak, contact-to-contact, for 1 minute. 750 V DC/AC peak, contact-to-test panel or contact-to-shield 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	30m Ω at 10mA Max.

Mechanical Specifications

Connector Size	C3
Recommended Panel Thickness	0.8 to 6.0mm
Recommended Torque	14-15 Kgf-cm

Operation Environment Specifications

Operating Temperature	-40 °C to +75 °C
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Protection Category

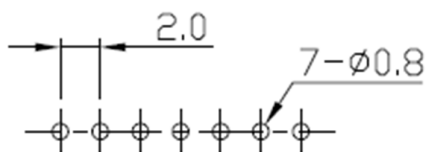
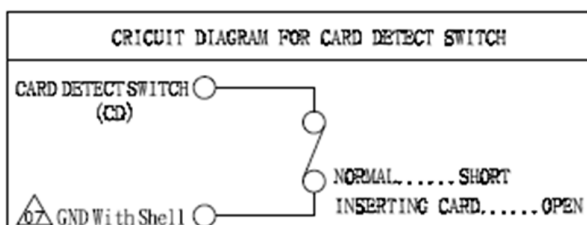
IP Rating	IP67
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Mating Cap

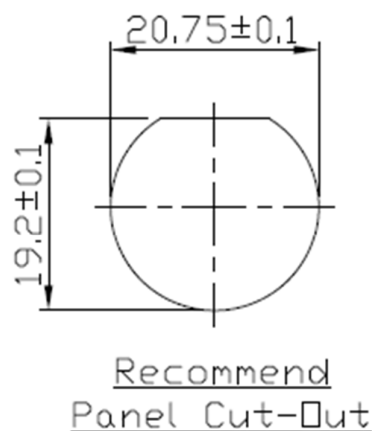
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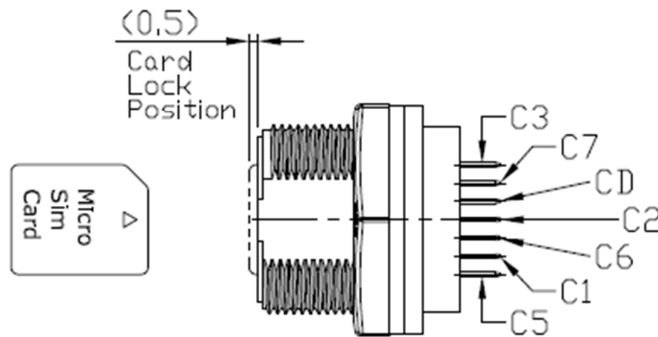
Approvals

Compliance/Certifications	RoHS
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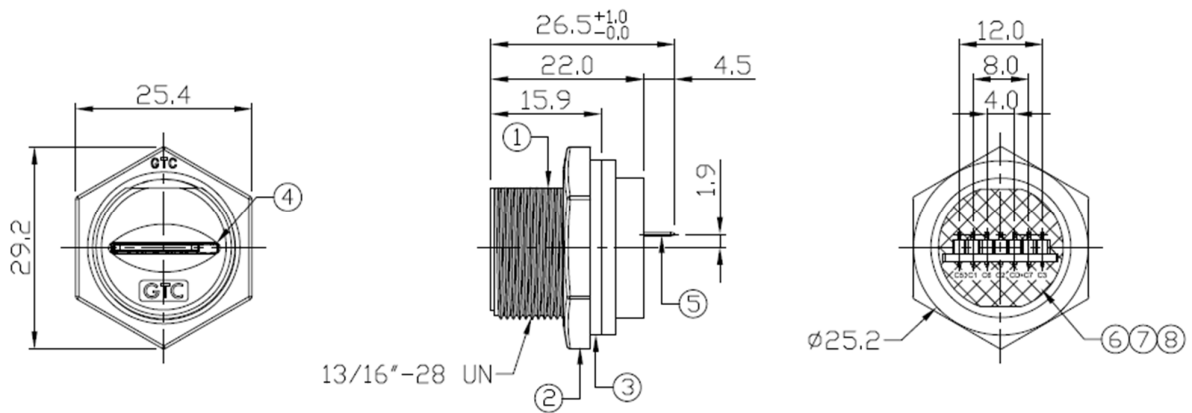
Recommend
PCB Layout





Pin	Description
C1	Vcc
C2	RST
C3	CLK
C5	GND/Shell
C6	Vpp
C7	I/O
CD	Card Detect

Pin Assignment



8	Glue	Epoxy Color: Black	
7	Holder	Silicone Color: Black	1
6	PCB	FR-4 Color: -	1
5	Pin Header	Housing: Thermoplastic, Color: Black Contacts: Copper Alloy, Finish: Au Plated	1
4	Micro SIM Card Receptacle	Insulator: LCP, Color: Black Terminal: Copper Alloy, Finish: Au Plated Shell: Stainless Steel	1
3	Gasket	Silicone Color: Black	1
2	Hex Nut	Thermoplastic Color: Black	1
1	Housing	Thermoplastic Color: Black	1
Item	Part Name	Material / Finish	Q'ty