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Part Number: <u>0428788408</u>

Status: Active

Overview: <u>modular\_plugs\_jacks</u>

**Description:** Modular Jack, Vertical, Low Profile, 8/8, Panel Stops

**Documents:** 

3D Model Product Specification PS-42878 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

CSA LR19980 UL E107635

General

Product Family Modular Jacks/Plugs

Series <u>42878</u>

Comments Flush Mount|Flangeless|2 PCB Thick

Component Type PCB Jack

Magnetic No

Overview <u>modular\_plugs\_jacks</u>

Performance Category 3
Power over Ethernet (PoE) N/A
Product Name RJ45

**Physical** 

 Boot Color
 N/A

 Color - Resin
 Black

 Durability (mating cycles max)
 500

 Flammability
 94V-0

 Inverted / Top Latch
 N/A

 Keying to Mating Part
 None

 Lightpipes/LEDs
 None

Material - Metal Phosphor Bronze

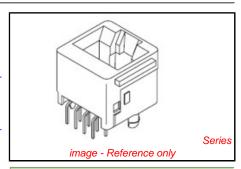
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester

Orientation Vertical (Top Entry)
PCB Locator Yes

**PCB** Retention Yes PCB Thickness Recommended (in) 0.062 In PCB Thickness Recommended (mm) 1.57 mm Packaging Type Tray Panel Mount With Flange Pitch - Mating Interface (in) 0.040 In Pitch - Mating Interface (mm) 1.02 mm Pitch - Term. Interface (in) 0.050 In Pitch - Term. Interface (mm) 1.27 mm Plating min: Mating (µin) 50 Plating min: Mating (µm) 1.25 Plating min: Termination (µin) 100 Plating min: Termination (µm) 2.5

Ports 1
Positions / Loaded Contacts 8/8
Surface Mount Compatible (SMC) No

Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Through Hole



China RoHS

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free

Halogen-Free Status Not Halogen-Free

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

42878 Series

Mates With FCC 68 Plugs **Electrical** 

Current - Maximum per Contact 1.5A
Grounding to PCB No
Grounding to Panel None
Shielded No

Voltage - Maximum 150V AC (RMS)

**Solder Process Data** 

Duration at Max. Process Temperature (seconds) 5

Lead-free Process Capability Wave Capable (TH only)

Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 235

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification PK-42878-492
Product Specification PS-42878
Sales Drawing SDA-42878-\*\*\*\*
Test Summary TS-42878-001

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