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Part Number: [42410-9178](#)
Status: **Active**
Overview: [Modular Plugs - Jacks](#)
Description: Modular Jack, Vertical, 8/2

Documents:

[3D Model](#) [Test Summary TS-42878-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-42410 \(PDF\)](#)

General

Product Family	Modular Jacks/Plugs
Series	42410
Comments	Flush Mount Flangeless 2 PCB Thick
Component Type	PCB Jack
Magnetic	No
Overview	Modular Plugs - Jacks
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	RJ45
UPC	800753821316

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Inverted / Top Latch	N/A
Jack Height	16.38mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Orientation	Vertical (Top Entry)
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Ports	1
Positions / Loaded Contacts	8/2
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +80°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

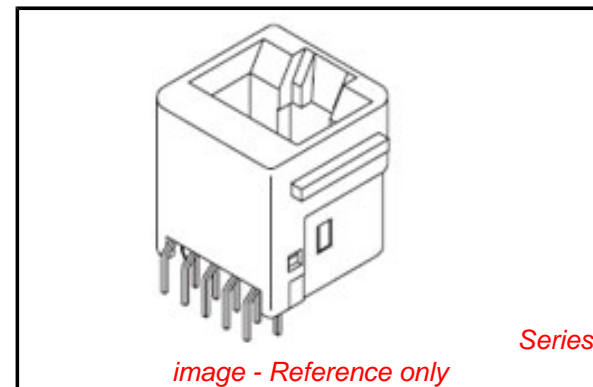
Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	125V

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



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

China RoHS



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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[42410Series](#)

Mates With

FCC 68 Plugs

Reference - Drawing Numbers

Product Specification
Test Summary

PS-42410
TS-42878-001

This document was generated on 10/09/2012

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