

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [42410-8360](#)
Status: **Active**
Overview: Modular Plugs - Jacks
Description: Modular Jack, Vertical, 8/8, Keyed, Panel Stops

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

General

Product Family Modular Jacks/Plugs
Series [42410](#)
Component Type PCB Jack
Magnetic No
Overview Modular Plugs - Jacks
Performance Category 3
Power over Ethernet (PoE) N/A
Product Name RJ45
UPC 800754381192

Physical

Boot Color N/A
Color - Resin Black
Durability (mating cycles max) 500
Inverted / Top Latch N/A
Jack Height 16.38mm
Keying to Mating Part Yes
Lightpipes/LEDs None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 2.661/g
Orientation Vertical (Top Entry)
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Panel Mount With Flange
Pitch - Mating Interface 1.02mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 1.270µm
Plating min - Termination 2.540µm
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
Waterproof / Dustproof No
Wire/Cable Type N/A

Electrical

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

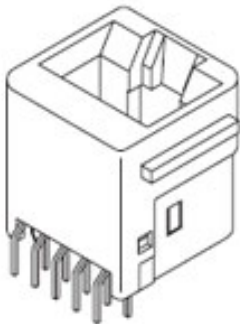


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
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](#)

Shielded
Voltage - Maximum

No
150V AC (RMS)



Solder Process Data

Duration at Max. Process Temperature (seconds)
Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

5
Wave Capable (TH only)
1
235

Material Info

Reference - Drawing Numbers

Product Specification
Test Summary

PS-42410
TS-42878-001

This document was generated on 04/04/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

onlinecomponents.com