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Part Number: [0424108890](#)
Status: **Active**
Overview: [Modular Jacks and Plugs](#)
Description: Modular Jack, Vertical, 8/4

Documents:

[3D Model](#) [Packaging Specification PK-42410-492 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E107635

General

Product Family Modular Jacks/Plugs
 Series [42410](#)
 Comments Flush Mount|Flangeless|2 PCB Thick
 Component Type PCB Jack
 Magnetic No
 Overview [Modular Jacks and Plugs](#)
 Performance Category 3
 Power over Ethernet (PoE) N/A
 Product Name RJ45
 UPC 800754381246

Physical

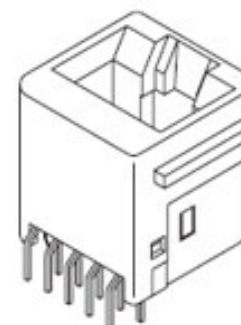
Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Inverted / Top Latch N/A
 Jack Height 16.38mm
 Lightpipes/LEDs None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 2.504/g
 Orientation 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 8/4
 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) 005
 Lead-free Process Capability WAVE



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Not Low-Halogen

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

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

Search Parts in this Series

[42410 Series](#)

Mates With

FCC 68 Plugs

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-42410-492
Sales Drawing	SDA-42410-****

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