

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0432238146](#)
Status: **Active**
Overview: [modular_plugs_jacks](#)
Description: Modular Jack, Right Angle, Low Profile, 8/8, 4 Ports

Documents:

[3D Model](#) [Product Specification PS-43223-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E107635

General

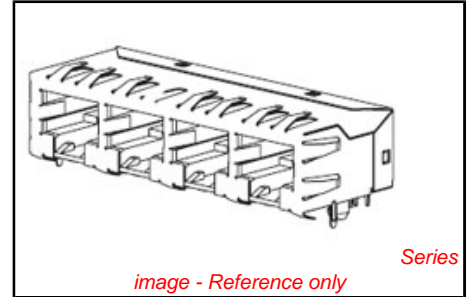
Product Family Modular Jacks/Plugs
 Series [43223](#)
 Comments Flush Mount|Flangeless|External Shield
 Component Type PCB Jack
 Magnetic No
 Overview [modular_plugs_jacks](#)
 Performance Category 3, 4
 Power over Ethernet (PoE) N/A
 Product Name RJ45

Physical

Boot Color N/A
 Color - Resin Black
 Durability (mating cycles max) 500
 Flammability 94V-0
 Inverted / Top Latch No
 Lightpipes/LEDs None
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Orientation Right Angle (Side Entry)
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm (.062")
 Packaging Type Tray
 Pitch - Mating Interface 1.02mm (.040")
 Pitch - Termination Interface 1.27mm (.050")
 Plating min - Mating 1.270µm (50µ")
 Plating min - Termination 2.540µm (100µ")
 Ports 4
 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 Yes
 Shielded Yes



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed</p>	<p>China RoHS</p>
--	--------------------------

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
[43223Series](#)

Mates With
 FCC 68 Plugs

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 260

Material Info

Country of Origin HK, JP, KR, US

Reference - Drawing Numbers

Packaging Specification PK-44150-004
Product Specification PS-43223-001
Sales Drawing SDA-43223
Test Summary TS-43223-001

This document was generated on 11/17/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION