

Molex.com

English
日本語
한국어
简体中文

Register | Login
My Parts (0 items)

- Product Name
- Cross-Ref
- Catalog
- Literature
- Industries
- Standards
- Contact Us
- About Us
- Investors
- Careers

Search site:Search: Enter Part No. or Keyword Go

- Connectors
- Sockets
- I/O Connectors
- Cable Assemblies
- Fiber Optics
- Printed Circuit Products
- Industrial Products
- Lighting Products

Switch Language

English

- Home
- Modular Jacks/Plugs
- Datasheet

Need Assistance?

- Contact Us
- Find a Distributor
- Order Samples
- Tech Library
- Ecocare
- Electrical Models

Printer-friendly page

Email this page

Part Number:

0432028104

Status:

Active

Overview:

RJ-45 Ethernet

Description:

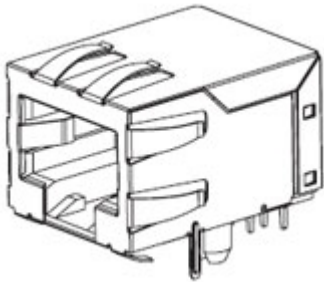
Modular Jack, Right Angle, Low Profile, 8/8

Documents: Note - Please disable browser pop-up blockers for documents on www.molex.com

Drawing (PDF)

Product Specification PS-43202-001 (PDF)

3D



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Halogen-Free

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
[43202](#)Series

Mates With
FCC 68 Plugs

[Model](#)[Datash](#)

Order Products:

Part Detail: [\(show all\)](#)

[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Solder Process Data](#)[Material Info](#)[Reference - Drawing Numbers](#)

General

Product Family	Modular Jacks/Plugs
Series	43202
Comments	Enhanced panel grounding tabs
Component Type	PCB Jack
Overview	RJ-45 Ethernet
Performance Category	3, 4
Power over Ethernet (PoE)	N/A
Product Name	RJ45

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Orientation	Right Angle (Side Entry)
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating 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)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
UL	E107635

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

Reference - Drawing Numbers

Product Specification	PS-43202-001, RPS-43202-002
Sales Drawing	SDA-43202