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Part Number: [502221-0001](#)
Status: **Active**
Description: Compact Cat 5e Modular Jack SMT, Single Port, Right Angle, Embossed Tape Packing

Documents:

[3D Model](#) [Product Specification PS-502221-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Modular Jacks/Plugs
Series	502221
Component Type	PCB Jack
Magnetic	No
Performance Category	5, 5e
Power over Ethernet (PoE)	N/A
Product Name	N/A
UPC	822350664639

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Inverted / Top Latch	No
Jack Height	11.20mm
Keying to Mating Part	Yes
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	4218.500/mg
Orientation	Right Angle (Side Entry)
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	0.102µm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

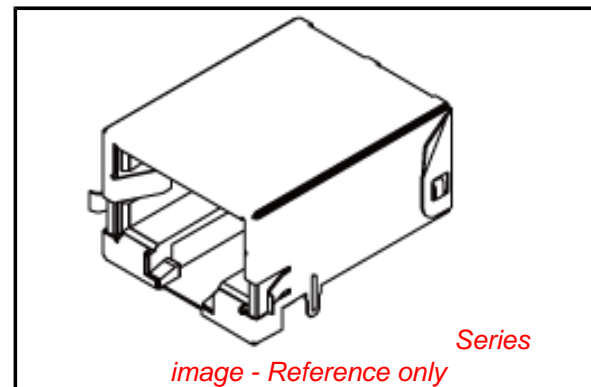
Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V AC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification	PS-502221-001, RPS-502221-001
Sales Drawing	SD-502221-001, SD-502221-002



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

[502221Series](#)

This document was generated on 03/18/2014

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