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Part Number: [0544570556](#)
Status: **Planned for Obsolescence**
Description: 2.00mm (.079") Pitch MZP™ Hard Metric Board-to-Board PCB Receptacle, Right Angle, Type C, with Upper Shield, 55 Circuits

Documents:

[3D Model](#) [Product Specification PS-55357-011 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [54457](#)
Application Daughtercard
Component Type PCB Receptacle
Product Name MZP™
Style C

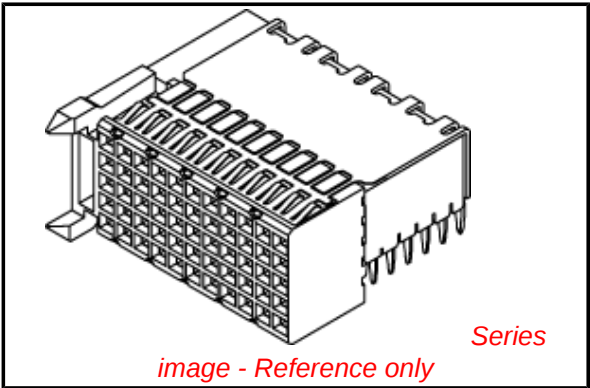
Physical

Circuits (Loaded) 55
Circuits (maximum) 55
Color - Resin Natural
Durability (mating cycles max) 125
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Number of Columns N/A
Number of Pairs Open Pin Field
Number of Rows 5
Orientation Right Angle
PCB Retention Yes
Packaging Type Tube
Pitch - Mating Interface 2.00mm (.079")
Plating min - Mating 0.813µm (32µ")
Plating min - Termination 0.508µm (20µ")
Polarized to PCB Yes
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 1A
Data Rate 622.0 Mbps
Real Signals (per 25mm) 40
Shield Type Upper Shielding
Shielded Yes
Voltage - Maximum 500V

Material Info



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

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](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[54457Series](#)

Mates With

MZP™ Hard Metric Board-to-Board PCB Plug [55357](#) , [55376](#) , [55502](#) , [55541](#)

Reference - Drawing Numbers

Product Specification

PS-55357-011, RPS-54457-057, RPS-55357-020,
RPS-55357-021

Sales Drawing

SD-54457-047, SD-54457-048

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