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Part Number: [0553761549](#)
Status: **Planned for Obsolescence**
Description: 2.00mm (.079") Pitch MZP™ Hard Metric Board-to-Board PCB Plug, Vertical, Type A, Short Tail, 154 Circuits

Documents:

[3D Model](#) [Product Specification PS-55357-011 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54991-024 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [55376](#)
 Application Backplane
 Component Type PCB Header
 Product Name MZP™
 Style A

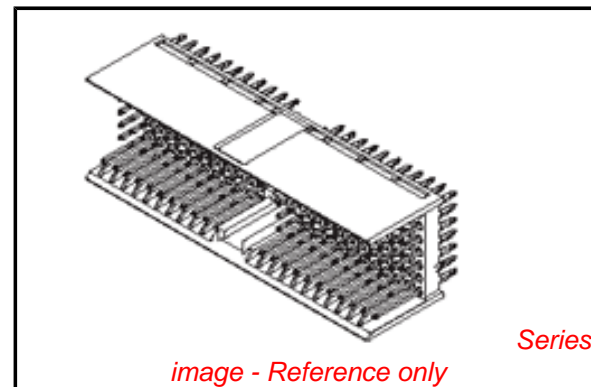
Physical

Circuits (Loaded) 154
 Circuits (maximum) 154
 Color - Resin Gray
 Durability (mating cycles max) 125
 First Mate / Last Break No
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part Yes
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin Polyester
 Number of Columns N/A
 Number of Pairs Open Pin Field
 Number of Rows 7
 Orientation Vertical
 PCB Retention None
 PCB Thickness - Recommended 1.40mm (.055"), 5.60mm (.220")
 Packaging Type Tube
 Pitch - Mating Interface 2.00mm (.079")
 Plating min - Mating 0.813µm (32µ")
 Plating min - Termination 0.813µm (32µ")
 Polarized to PCB Yes
 Stackable Yes
 Surface Mount Compatible (SMC) No
 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
 Voltage - Maximum 500V

Material Info



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](#)

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

Search Parts in this Series

[55376Series](#)

Mates With

MZP™ Hard Metric Board-to-Board PCB Receptacle [54457](#) , [54491](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-54991-024, PS-55357-011, RPS-54457-057,
RPS-54991-033, RPS-55357-020, RPS-55357-021
SD-55376-010, SD-55376-014

This document was generated on 05/17/2011

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