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**Part Number:** [0553761109](#)  
**Status:** **Planned for Obsolescence**  
**Description:** 2.00mm (.079") Pitch MZP™ Hard Metric Board-to-Board PCB Plug, Vertical, Type A, Short Tail, 110 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

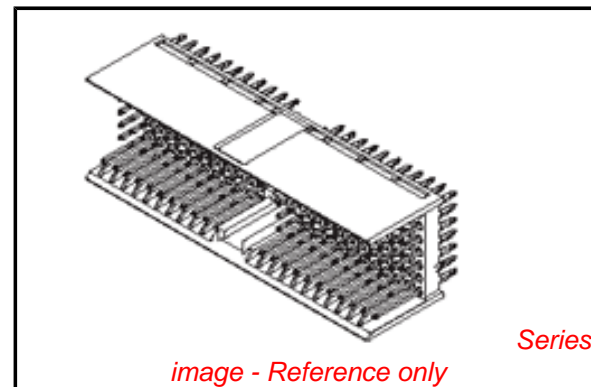
**Physical**

Circuits (Loaded) 110  
 Circuits (maximum) 110  
 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](mailto: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-55376-005, SD-55376-010

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