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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

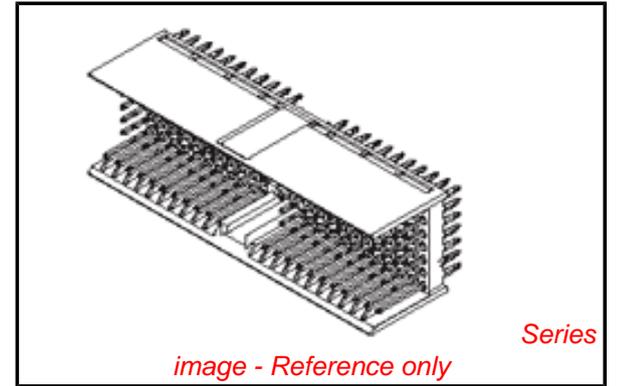


image - Reference only

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-55376-005, SD-55376-010

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