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Part Number:

0553761549

Status:

Planned for Obsolescence

Overview:

MZP™

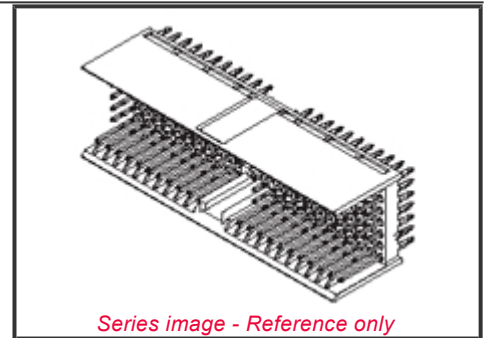
Description:

2.00mm (.079") Pitch MZP™ Hard Metric Board-to-Board PCB Plug, Vertical, Type A, Short Tail, 154 Circuits

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*

[Drawing \(PDF\)](#)

[Product Specification PS-54991-024 \(PDF\)](#)



EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Not Halogen-Free

China RoHS



Need more information on product environmental compliance?Email productcompliance@molex.comFor 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](#)[Product Specification PS-55357-011 \(PDF\)](#)**Order Products:****Part Detail:** ([show all](#))[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

Product Family	Backplane Connectors
Series	55376
Application	Backplane
Component Type	PCB Header
Overview	MZP™
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 (in)	0.055 In, 0.220 In
PCB Thickness Recommended (mm)	1.40 mm, 5.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	32
Plating min: Mating (µm)	0.8
Plating min: Termination (µin)	32
Plating min: Termination (µm)	0.8
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(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	40
Voltage - Maximum	500V

Agency Certification

CSA	LR19980
UL	E29179

Material Info

Reference - Drawing Numbers

Product Specification	PS-54991-024, PS-55357-011, RPS-54457-057, RPS-54991-033, RPS-55357-020, RPS-55357-021, RPS-55814-005
Sales Drawing	SD-55376-010, SD-55376-014

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