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- [Home](#)
- [Backplane Connectors](#)
- [Datasheet](#)

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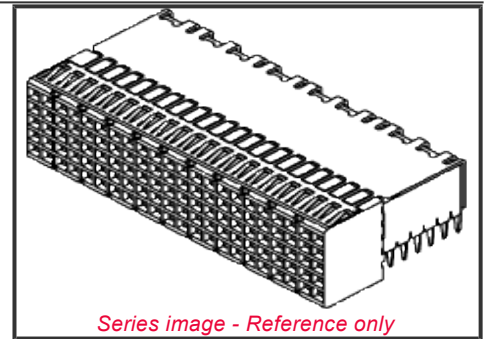
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Part Number:
0546030952

Status:
Obsolete

Overview:
MZP™

Description:
2.00mm (.079") Pitch MZP™ Hard Metric Board-to-Board PCB Receptacle, Right Angle, Type B, CompactPCI*, with Upper Shield, 95 Circuits



Series image - Reference only

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)

RoHS

EU RoHS
RoHS Compliant by Exemption

China RoHS



REACH SVHC
Not Reviewed

Halogen-Free Status
Not Reviewed

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[54603Series](#)

Mates With

MZP™ Hard Metric Board-to-Board PCB Plug [5535Z](#), [55376](#), [55540](#), [55501](#)

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[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Material Info](#)[Reference - Drawing Numbers](#)

General

Product Family	Backplane Connectors
Series	54603
Application	Daughtercard
Component Type	PCB Receptacle
Overview	MZP™
Product Name	CompactPCI*, MZP™
Style	B

Physical

Circuits (Loaded)	95
Circuits (maximum)	95
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	None
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)	20
Plating min: Termination (µm)	0.5
Polarized to PCB	Yes
Stackable	Yes
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
Shield Type	Upper Shielding
Shielded	Yes
Voltage - Maximum	500V

Agency Certification

CSA	LR19980
UL	E29179

Material Info

Reference - Drawing Numbers

Product Specification	PS-55357-011, RPS-54457-057, RPS-55357-020, RPS-55357-021
Sales Drawing	SD-54603-002, SD-54603-009

* CompactPCI is a registered trademark of the PCI Industrial Computer Manufacturers Group.

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