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Part Number: [0457320001](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit Jr.™ PCI Express*, High End Graphics Add-In Card Applications Only, 6 Circuits

Documents:

[3D Model](#) [Product Specification PS-45558-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	45732
Application	Power, Wire-to-Board
Overview	Mini-Fit Jr. Power Connectors
Product Name	Mini-Fit Jr.™
UPC	822348184774

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.249/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

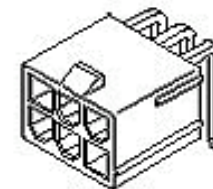
Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[45732](#) Series

Mates With

[45559-0002](#) Receptacle

Reference - Drawing Numbers

Product Specification

PS-45558-001-001

Sales Drawing

SD-45732-001-000

* PCI Express is a registered trademark of PCI-SIG®.

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