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Part Number: [46999-0016](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Jr. Header, Dual Row, Right Angle, with Mounting Peg, 8 Circuits, PA Polyamide Nylon 6/6 94V-2, Matte Tin (Sn) over Nickel (Ni)

Documents:

Drawing (PDF)	Test Summary TS-5556-002 (PDF)
Product Specification PS-45750-001 (PDF)	Test Summary TS-5569-001 (PDF)
Product Specification PS-5556-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	5569
Application	Power, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556-001 for additional current de-rating information.
Overview	Mini-Fit Jr.™ Power Connectors
Product Name	Mini-Fit Jr.™
UPC	887191047508

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Nickel
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	3.078/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

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

[5569Series](#)

Mates With

[5557](#) Mini-Fit Jr.™ Receptacle Housing

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 13A
Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 240

Material Info

Old Part Number 5569-08A2S-400-T

Reference - Drawing Numbers

Product Specification PS-45750-001, PS-5556-001
Sales Drawing SDA-5569-NA2*-*
Test Summary TS-5556-002, TS-5569-001

This document was generated on 10/22/2013

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