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Part Number: **46011-1802**

Status: **Active**

Overview: Mini-Fit® Plus Connector System

Description: Mini-Fit® Plus Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 18 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) 1.27μm Over Nickel (Ni) Plating, Halogen Free

Documents:

3D Model	Product Specification PS-45750-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Series
image - Reference only

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	46011
Application	Board-to-Board, 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-45750-001 for additional current de-rating information.
Overview	Mini-Fit® Plus Connector System
Product Name	Mini-Fit® Plus
UPC	822350726528

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	Yes
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	4.383/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540μm
Plating min - Termination	1.270μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes

EU RoHS   **China RoHS**

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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
46011Series

Mates With
15060181 Mini-Fit® BMI Panel Mount Receptacle, 39012185 Mini-Fit Jr.™ Receptacle, 445160009 Mini-Fit® BMI Slide and Lock Panel Mount Receptacle, 460101821 Mini-Fit® Plus Plus Receptacle Header

Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
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

Reference - Drawing Numbers

| Product Specification | PS-45750-001 |
| Sales Drawing | SD-46011-001 |

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