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Part Number: 36633-0040

4.20mm Mini-Fit Jr.™ Header, Right Angle, Nylon, without Mounting Flange, 2 Circuits, Tin (Sn) over Nickel (Ni) Plating, Lead-Free

Series image - Reference only

Status:	**OBSOLETE**
Replacement:	Contact Molex
Series:	87427
Category:	PCB Headers
Overview:	Mini-Fit Jr.™

Mates With Part(s):
5557 Mini-Fit Jr.™ Receptacle Housing

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS:
REACH SVHC: Contains SVHC: No
Low-Halogen Status: Not Low-Halogen

Part Detail

General

Status	**Obsolete**
Category	PCB Headers
Series	87427
Application	Power, Wire-to-Board Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-

Comments	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 Jr.™
Product Name	Mini-Fit Jr.™
UPC	884982134041

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Beige
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.152/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)

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

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-87427-**0*

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

Check our list of old tooling that used to be available for this part