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Part Number: [46999-0140](#)
Status: **Active**
Description: Mini-Fit® Jr. Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 6 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) Over Nickel (Ni) Plating

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [5566](#)
 Application Power, Wire-to-Board
 Comments The 5566 header should be used with standard Mini-Fit® female terminals. If increased amperage of up to 13A per circuit is needed, please consider using the Mini-Fit® Plus HCS family [45750](#) terminals with [46015](#) headers; . See Molex Product specification PS-5666-001 for current de-rating information.
 Product Name Mini-Fit Jr.™
 UPC 887191051772

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 Color - Resin Natural
 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 Tin
 Material - Plating Termination Nickel
 Material - Resin Nylon
 Net Weight 1.775/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 3.50mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 4.20mm
 Pitch - Termination Interface 4.20mm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Fully



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

[5566Series](#)

Mates With

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

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	260

Material Info

Old Part Number	5566-06AMS-210
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Reference - Drawing Numbers

Product Specification	PS-5556-001
Sales Drawing	SD-5566-222
Test Summary	TS-5556-002

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