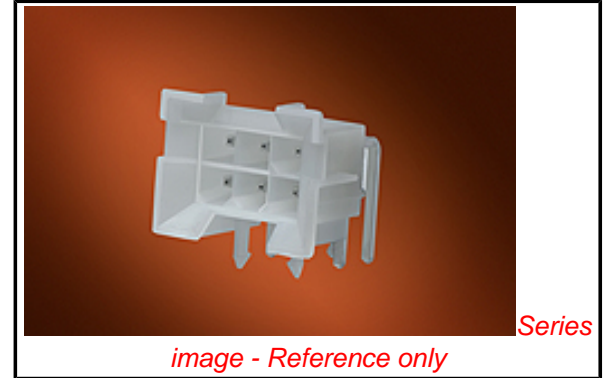


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Part Number: [44151-3001](#)
Status: **Active**
Overview: [Mini-Fit Jr.™](#)
Description: 4.20mm Pitch Mini-Fit® BMI Header, Dual Row, Right Angle, 6 Circuits, PA Polyamide Nylon 6/6, UL 94V-0, Matte Tin (Sn) over Nickel Plating, Natural

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Test Summary TS-42404-001 \(PDF\)](#)



General

Product Family	PCB Headers
Series	44151
Application	Board-to-Board, Power, Wire-to-Board
Overview	Mini-Fit Jr.™
Product Name	Mini-Fit Jr.™
UPC	884982520837

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	Yes
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold, Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	2.730/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	5.10mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
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	8A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
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EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen	China RoHS 
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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
[44151Series](#)

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Wave Capable (TH only)
1
240

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing
Test Summary

PS-5556-002
SD-44151-001
TS-42404-001, TS-5556-002

This document was generated on 06/03/2013

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