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Part Number: [71231-0211](#)
Status: **Active**
Overview: [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)
Description: Mini-Fit® Jr. Header, 4.20mm Pitch, Single Row, Vertical, without Snap-in Plastic Peg
PCB Lock, 7 Circuits, Tin (Sn) Plating, with Positive Lock

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-71690-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

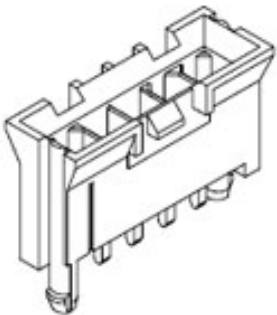
General

Product Family PCB Headers
Series [71231](#)
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-45750-001 for additional current de-rating information.

Obsolete Date 2006/06/01
Overview [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)
Product Name Mini-Fit Jr.™
UPC 800754989503

Physical

Breakaway No
Circuits (Loaded) 7
Circuits (maximum) 7
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 Tin
Material - Resin High Temperature Thermoplastic
Net Weight 3.697/g
Number of Rows 1
Orientation Vertical
PC Tail Length 3.17mm
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 4.20mm
Plating min - Mating 3.810µm
Plating min - Termination 3.810µm
Polarized to Mating Part Yes



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not 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
[71231Series](#)

Mates With
[5557](#) Mini-Fit® Receptacle Housing, [71694](#) Mini-Fit® IDT Header

Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	Yes
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)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-71690-001
Sales Drawing	SDA-71231-****

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