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**Part Number:** [0712310003](#)

**Status:** **Active**

**Overview:** [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)

**Description:** Mini-Fit® Jr. Header, 4.20mm Pitch, Single Row, Vertical, with Snap-in Plastic Peg PCB Lock, 3 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.

Overview [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)

Product Name Mini-Fit Jr.™

UPC 800754346696

**Physical**

Breakaway No

Circuits (Loaded) 3

Circuits (maximum) 3

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 1.959/g

Number of Rows 1

Orientation Vertical

PC Tail Length 3.17mm

PCB Locator Yes

PCB Retention Yes

PCB Thickness - Recommended 2.40mm

Packaging Type Tray

Pitch - Mating Interface 4.20mm

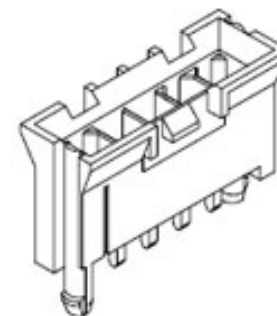
Plating min - Mating 3.810µm

Plating min - Termination 3.810µm

Polarized to Mating Part Yes

Polarized to PCB Yes

Shrouded Partial



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -ED/79/2015 (17 December 2015)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[71231](#) Series

**Mates With**

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

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	13.0A
Voltage - Maximum	600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	235

**Material Info****Reference - Drawing Numbers**

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

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