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Part Number:

0712310402

Status:

Obsolete

Overview:

minifit_bmi

Description:

4.20mm (.165") Pitch Mini-Fit® Header, Surface Mount Compatible, Single Row, Vertical, with Snap-in Plastic Peg PCB Lock, 2 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, with Passive Lock

Documents:

[Drawing \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

PCB Headers

71231

Power, Wire-to-Board

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.. High

minifit_bmi

Mini-Fit®

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

No

2

2

Natural

30

No

94V-0

No

No

None

Yes

Brass

Gold

Tin

High Temperature Thermoplastic

1

Vertical

3.17mm (.125")

Yes

Yes

2.40mm (.094")

Tray

4.20mm (.165")

0.381µm (15µ")

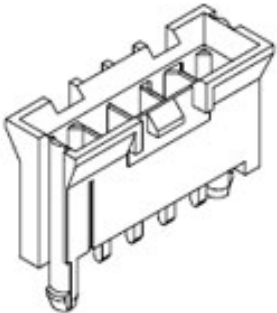
3.810µm (150µ")

Yes

Yes

Partial

No



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

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	
Lead-free Process Capability	SMC & Wave Capable (TH only)
Process Temperature max. C	235
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-71690-001
Sales Drawing	SDA-71231-****

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