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Part Number: [46207-0012](#)

Status: **Active**

Overview: Mini-Fit® RTC

Description: 4.20mm Pitch Mini-Fit® RTC Reflow High Temperature Compatible Header, Dual Row, Vertical, 12 Circuits, 1.57mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Compliant

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-46207-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [46207](#)
Application Board-to-Board, 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.. This Molex product is manufactured from material that has the following ratings, tested by independent agencies : .
a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. . b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire. . .
The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). . . If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

MolexKits Yes
Overview [Mini-Fit® RTC](#)
Product Name Mini-Fit® RTC
UPC 800756675794

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Black
Durability (mating cycles max) 100
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant Yes

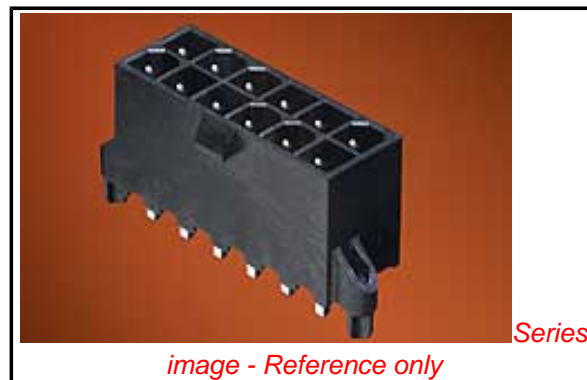


image - Reference only

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

[46207Series](#)

Mates With

[45750](#) , [5557](#) Mini Fit Jr.™ Receptacle

Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Nickel
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	4.256/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.66mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
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 AC (RMS)/DC

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	3
Process Temperature max. C	265

Material Info

Reference - Drawing Numbers

Product Specification	PS-46207-001
Sales Drawing	SD-46207-001

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