molex®

one company > a world of innovation

Part Number: **46207-0106**

Status: **Active**

Overview: Mini-Fit® RTC

Description: 4.20mm Pitch Mini-Fit® RTC Reflow High Temperature Compatible Header, Dual Row, Vertical, 6 Circuits, 2.36mm 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)

Series
image - Reference only

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.
Overview	Mini-Fit® RTC
Product Name	Mini-Fit® RTC
UPC	800756741192

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	Yes
Guide to Mating Part	No

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
5557 Mini Fit Jr.™ Receptacle

Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Nickel
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.393/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.46mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
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