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Part Number: 0469914004

Status: **Active**

4.20mm (.165") Pitch Mini-Fit RTC™ Reflow High Temperature Compatible Header, **Description:**

Right Angle, Dual Row, 4 Circuits, without Mounting Peg, Tin (Sn) Over Nickel (Ni)

Plating

Documents:

RoHS Certificate of Compliance (PDF) Drawing (PDF)

General

Product Family PCB Headers

Series 46991

Application Board-to-Board, Wire-to-Board

Current = 13A max. per circuit when header is mated Comments

> to a receptacle loaded with 45750 Mini-Fit Plus HCS™ Crimp Terminal Crimpted to to 16 AWG wire. . See

Molex product specification PS-45750-001 for additional

current de-rating information.

Product Name Mini-Fit RTC™

Physical

Breakaway No Circuits (Loaded) 4 Circuits (maximum) Color - Resin Black Durability (mating cycles max) 75 First Mate / Last Break No 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

Material - Resin High Temperature Thermoplastic

Tin

No

Nickel

Number of Rows

Material - Plating Termination

Surface Mount Compatible (SMC)

Orientation Right Angle PC Tail Length (in) 0.130 In PC Tail Length (mm) 3.30 mm **PCB** Locator Yes **PCB** Retention Yes PCB Thickness Recommended (in) 0.070 In PCB Thickness Recommended (mm) 1.78 mm Packaging Type Tray Pitch - Mating Interface (in) 0.165 In Pitch - Mating Interface (mm) 4.20 mm Pitch - Term. Interface (in) 0.165 In Pitch - Term. Interface (mm) 4.20 mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded **Fully** Stackable No

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Through Hole



image - Reference only

China RoHS

EU RoHS ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free **Status**

Halogen-Free

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

46991 Series

Mates With

5557 Mini Fit Jr.™ Receptacle

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 1
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Packaging Specification PK-46991-001
Sales Drawing SD-46991-001
Test Summary TS-46991-001

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