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Part Number:

0462070008

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

4.20mm Pitch, Mini-Fit Jr.™ Reflow Solder Capable Header, Dual Row, Vertical, 8 Circuits, 1.57mm PCB Thickness, with PCB Pegs, LCP Housing, with Tin (Sn) Over Nickel (Ni) Plating, Glow Wire Capable

Documents:

3D Model

Drawing (PDF)

Product Specification PS-46207-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

PCB Headers

46207

Board-to-Board, Power, Wire-to-Board

Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit

MolexKits

Overview

Product Name

UPC

Yes

Mini-Fit Jr.™ Power Connectors

Mini-Fit Jr.™

800756675770

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

8

8

Black

100

No

94V-0

Yes

No

Yes

Brass

Nickel

Matte Tin

High Temperature Thermoplastic

2.986/g

2

Vertical

3.66mm

Yes

Yes

1.57mm

Tray

4.20mm

4.20mm

Yes

Yes

Fully

No

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

46207 Series

Mates With

45750 Terminal, 5557 Mini Fit Jr.™ Receptacle

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V AC (RMS)/DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	265
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-46207-001
Sales Drawing	SD-46207-001

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