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Part Number:

172042-0208

Status:

Active

Description:

Vertical Header, 2 Circuit, Long Solder Tail with Board Lock

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

172042

Application

Power, Signal, Wire-to-Board

Comments

Operating Temperature Per USCAR-2; Class 3

Product Name

N/A

UPC

887191565071

Physical

Breakaway

No

Circuits (Loaded)

2

Circuits (maximum)

2

Color - Resin

Black

Durability (mating cycles max)

25

First Mate / Last Break

No

Glow-Wire Compliant

Yes

Lock to Mating Part

Yes

Material - Metal

Copper

Material - Plating Mating

Silver

Material - Plating Termination

Matte Tin, Nickel

Material - Resin

High Temperature Thermoplastic

Net Weight

3.183/g

Number of Rows

1

Orientation

Vertical

PC Tail Length

5.33mm

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

7.50mm

Plating min - Mating

0.025µm

Plating min - Termination

0.025µm

Polarized to Mating Part

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +125°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

30A per blade

Voltage - Maximum

600V AC (RMS)

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

260

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-172042-001



image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen



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

172042Series

Mates With

44441 Crimp Housing

This document was generated on 03/24/2014

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