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Part Number:

91814-3114

Status:

Active

Overview:

C-Grid III™

Description:

2.54mm Pitch C-Grid III™ Dual Row Right Angle Shrouded Header, 14 Circuits, Tin (Sn) over Nickel (Ni)

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

91814

Signal, Wire-to-Board

C-Grid III™

C-Grid III™

822350913577

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying 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

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

14

14

Black

30

No

No

No

None

None

Brass

Tin

Tin

High Temperature Thermoplastic

2.320/g

2

Right Angle

2.10mm

No

None

1.60mm

Tray

2.54mm

2.54mm

3.048µm

3.048µm

Yes

No

Closed Ends

No

Yes

-55°C to +125°C

Through Hole

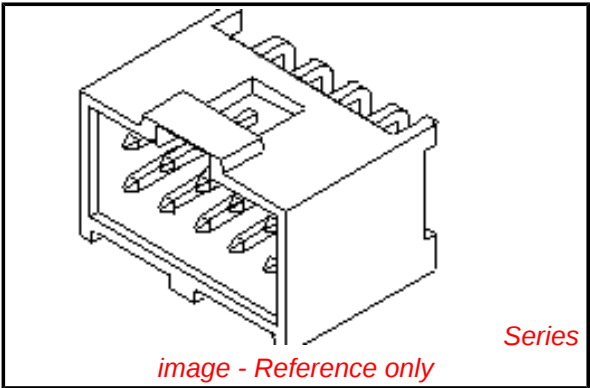
Electrical

Current - Maximum per Contact

Voltage - Maximum

3A

350V AC/DC



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not 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

91814Series

Mates With

90142 C-Grid III™ Crimp Housing, 90119 C-Grid III™ Crimp Terminal

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0001
Sales Drawing	SD-91814-001

This document was generated on 08/12/2014

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