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Part Number: [0918143116](#)
Status: **Active**
Overview: [C-Grid III Interconnects](#)
Description: 2.54mm Pitch C-Grid III Dual Row Right-Angle Shrouded Header, 16 Circuits, Tin (Sn) over Nickel (Ni)

Documents:

[3D Model](#) [Product Specification PS-99020-0001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-91814-005 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

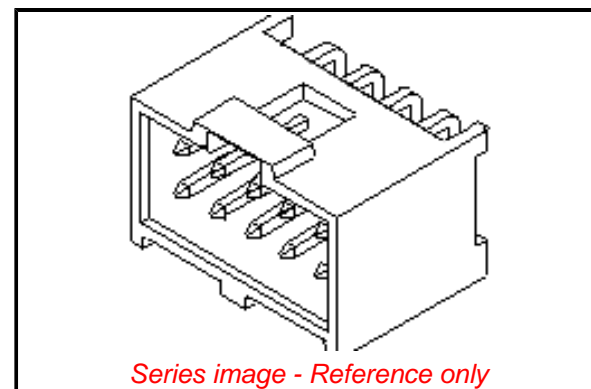
UL E29179

General

Product Family PCB Headers
 Series [91814](#)
 Application Signal, Wire-to-Board
 Overview [C-Grid III Interconnects](#)
 Product Name C-Grid III
 UPC 822350573924

Physical

Breakaway No
 Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Black
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part None
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 2.680/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 2.10mm
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 3.048µm
 Plating min - Termination 3.048µm
 Polarized to Mating Part Yes
 Polarized to PCB No
 Shrouded Closed Ends
 Stackable Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55° to +125°C
 Termination Interface: Style Through Hole



EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[91814 Series](#)

Mates With

[90142 C-Grid III Crimp Housing](#), [90119 C-Grid III Crimp Terminal](#)

Electrical

Current - Maximum per Contact

3.0A

Voltage - Maximum

350V AC/DC

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-91814-005

Product Specification

PS-99020-0001-001

Sales Drawing

SD-91814-001-001

This document was generated on 05/26/2020

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