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Part Number: [0918143106](#)
Status: **Active**
Overview:
Description: 2.54mm Pitch C-Grid III Dual Row Right-Angle Shrouded Header, 6 Circuits, Tin (Sn) over Nickel (Ni)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [91814](#)
 Application Signal, Wire-to-Board
 Overview cgrid_iii
 Product Name C-Grid III
 UPC 822350913522

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 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 0.782/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 No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55° to +125°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
 Voltage - Maximum 350V AC/DC

Solder Process Data

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2021)4569-DC (8
 July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[91814](#) Series

Mates With

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

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-91814-005-001
Product Specification	PS-99020-0001-001
Sales Drawing	SD-91814-001-001

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