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Part Number: [0918141210](#)
Status: **Active**
Overview: C-Grid III Interconnects
Description: 2.54mm Pitch C-Grid III Dual Row Vertical Shrouded Header, 10 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

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

General

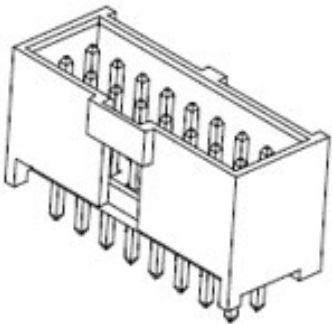
Product Family	PCB Headers
Series	91814
Application	Signal, Wire-to-Board
Overview	C-Grid III Interconnects
Product Name	C-Grid III
UPC	883906548827

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.394/g
Number of Rows	2
Orientation	Vertical
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	0.381µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-91814-005
Product Specification	PS-99020-0001-001
Sales Drawing	SD-91814-001-001, SD-91814-002-001

This document was generated on 06/15/2020

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