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Part Number: 91814-9116

Series image - Reference only

Status:	Active - Custom
Series:	91814
Category:	PCB Headers
Overview:	C-Grid III™

Mates With Part(s):
90142 C-Grid III™ Crimp Housing, 90119 C-Grid III™ Crimp Terminal

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS:
REACH SVHC: Contains SVHC: No
Low-Halogen Status: Not Low-Halogen

Part Detail

General

Status	**Active - Custom**
Category	PCB Headers
Series	91814
Application	Signal, Wire-to-Board
Overview	C-Grid III™
Product Name	C-Grid III™

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	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
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°C to +125°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	3A
Voltage - Maximum	350V AC/DC

Solder Process Data

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

Material Info

UPC	800756659022

Reference - Drawing Numbers

Sales Drawing	RSD-91814-001

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

Check our list of old tooling that used to be available for this part