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Part Number:

0901303216

Status:

Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Right-Angle, Shrouded, Fully Loaded, 16 Circuits, Black 0.38µm Gold (Au) Selective Plating



Series image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0001-001 (PDF)

Application Specification 901190001-AS-000 (PDF)

Packaging Specification PK-90130-001-001 (PDF)

Packaging Specification PK-91814-005-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA	LR19980	
UL	E29179	
General		
Product Family	PCB Headers	
Series	90130	
Application	Signal, Wire-to-Board	
Component Type	PCB Header	
Overview	C-Grid III Interconnects	
Product Name	C-Grid III	
Taxonomy	PCB Headers and Receptacles	
UPC	800753704626	
Physical		
Breakaway	No	
Circuits (Loaded)	16	
Circuits (maximum)	16	
Color - Resin	Black	
Durability (mating cycles max)	100	
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	Yes	
Material - Metal	Brass	
Material - Plating Mating	Gold	
Material - Plating Termination	Tin	
Material - Resin	Polyester	
Net Weight	2.195/g	
Number of Rows	2	
Orientation	Right Angle	
PC Tail Length	2.90mm	
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	

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90130 Series

Mates With

C-Grid III Crimp Housing 90142 , 90143

Stackable	No
Surface Mount Compatible (SMC)	No
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	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235
Material Info	
Reference - Drawing Numbers	
Application Specification	901190001-AS-000
Packaging Specification	PK-90130-001-001, PK-91814-005-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90130-001

This document was generated on 01/06/2023

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