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Part Number:

0901301112

Status:

Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 12 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)

Documents:	
3D Model (PDF)	Application Specification 901190001-AS-000 (PDF)
3D Model	Packaging Specification PK-90130-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-91814-005-001 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		90130
Application		Signal, Wire-to-Board
Overview		C-Grid III Interconnects
Product Name		C-Grid III
UPC		800753700208

Physical		
Breakaway		No
Circuits (Loaded)		12
Circuits (maximum)		12
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		Yes
Material - Metal		Brass
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		1.500/g
Number of Rows		2
Orientation		Vertical
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		3.048µm
Plating min - Termination		3.048µm
Polarized to Mating Part		Yes
Polarized to PCB		No
Shrouded		Closed Ends
Stackable		No
Temperature Range - Operating		-55° to +125°C



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

90130 Series

Mates With

90142 C-Grid III Crimp Housing

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

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