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Part Number:

0901471110

Status:

Active

Overview:

C-Grid Connector Products

Description:

C-Grid III PC Board Connector, Single Row, Vertical, 10 Circuits, Tin (Sn) Plating

- Documents:
- Drawing (PDF)

3D Model

3D Model (PDF)

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

Application Specification 713080001-AS-000 (PDF)

Application Specification 901190001-AS-000 (PDF)

Packaging Specification PK-90147-001-001 (PDF)

Packaging Specification PK-90147-001-002 (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		90147
Application		Board-to-Board, Signal
Component Type		PCB Receptacle
Overview		C-Grid Connector Products
Product Name		C-Grid III
Taxonomy		PCB Headers and Receptacles
UPC		800753676190

Physical	
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.864/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

Electrical

EU ELV	
Not Relevant	
EU RoHS	China 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

90147 Series

Mates With

C-Grid III Vertical Header 90120 . C-Grid III Right-Angle Header 90121

Use With

90120 , 90121

Current - Maximum per Contact	3.0A
Grounding to PCB	No
Voltage - Maximum	350V
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Application Specification	713080001-AS-000, 901190001-AS-000
Packaging Specification	PK-90147-001-001, PK-90147-001-002
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90147-001

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