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Part Number:

0901471105

Status:

Active

Overview:

C-Grid Connector Products

Description:

C-Grid III PC Board Connector, Single Row, Vertical, 5 Circuits, Tin (Sn) Plating

Documents:	
3D Model (PDF)	Application Specification 713080001-AS-000 (PDF)
Drawing (PDF)	Application Specification 901190001-AS-000 (PDF)
3D Model	Packaging Specification PK-90147-001-002 (PDF)
Product Specification PS-99020-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	90147
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid III
Taxonomy	PCB Headers and Receptacles
UPC	800753538900

Physical	
Circuits (Loaded)	5
Circuits (maximum)	5
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	0.436/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	
Current - Maximum per Contact	3.0A
Grounding to PCB	No



Series image - Reference only

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](#)

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-90147-001-002
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90147-001

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