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Part Number:

0901200127

Status:

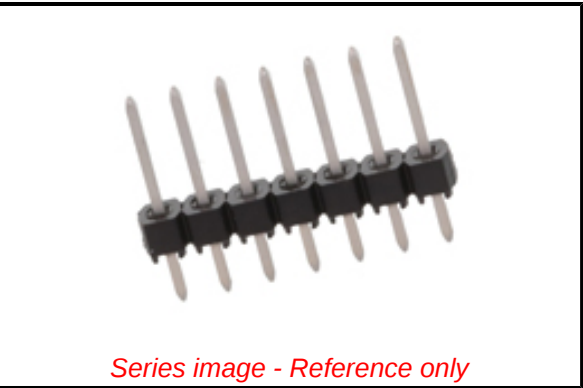
Active

Overview:

C-Grid III Interconnects

Description:

2.54mm Pitch C-Grid III Header, Single Row, Vertical, 7 Circuits, Tin (Sn) Plating



Documents:	
Drawing (PDF)	Application Specification 901190001-AS-000 (PDF)
3D Model (PDF)	Packaging Specification PK-90120-100-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-99020-0001-001 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	90120
Application	Signal, Wire-to-Board
Overview	C-Grid III Interconnects
Product Name	C-Grid III
UPC	800753720459
Physical	
Breakaway	Yes
Circuits (Loaded)	7
Circuits (maximum)	7
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	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.444/g
Number of Rows	1
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
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

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

90120 Series

Mates With

90147 C-Grid PC Board Connector, 90123 C-Grid III Modular Crimp Housing

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	350V AC/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Application Specification	901190001-AS-000
Packaging Specification	PK-90120-100-001
Product Specification	PS-99020-0001-001
Sales Drawing	SD-90120-001-001

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