

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901200925

Status:

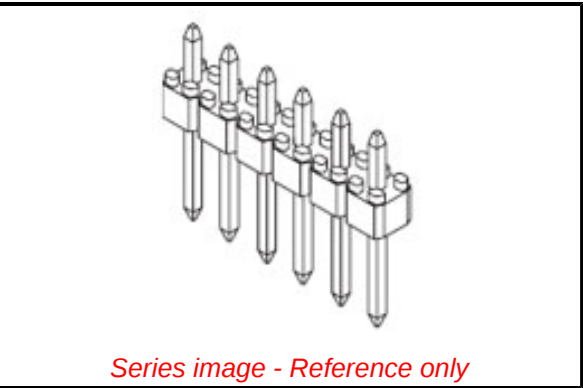
Active

Overview:

C-Grid III Interconnects

Description:

2.54mm Pitch C-Grid III Header, Single Row, Vertical, 5 Circuits, 0.76µm Gold (Au)
Selective Plating



Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

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

Application Specification 901190001-AS-000 (PDF)

Packaging Specification PK-90120-100-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Headers
Series		90120
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		800753701717

Physical	
Breakaway	Yes
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	500
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	Gold
Material - Plating Termination	Nickel
Material - Resin	Polyester
Net Weight	0.296/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
Plating min - Mating	0.762µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No

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

90120 Series

Mates With

C-Grid III Vertical PCB Receptacle 90147 . C-Grid III Right-Angle PCB Receptacle 90148 . C-Grid III Modular Crimp Housing 90123

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)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
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

This document was generated on 01/06/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION