

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901303318

Status:

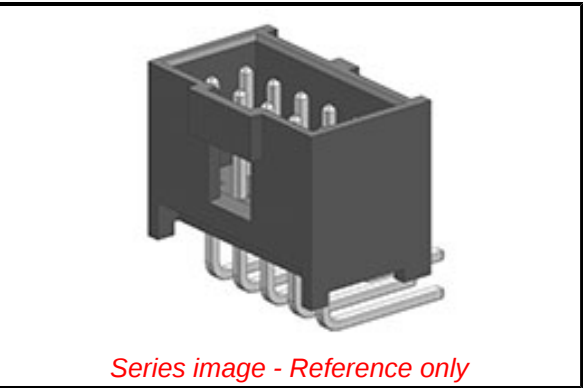
Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Right-Angle, Shrouded, Fully Loaded, 18 Circuits, Black 0.76µm Gold (Au) Selective Plating



Documents:

3D Model

Drawing (PDF)

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

Application Specification 901190001-AS-000 (PDF)

Packaging Specification PK-90130-001-001 (PDF)

Packaging Specification PK-91814-005-001 (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
Taxonomy		PCB Headers and Receptacles
UPC		800753703179
Physical		
Breakaway		No
Circuits (Loaded)		18
Circuits (maximum)		18
Color - Resin		Black
Durability (mating cycles max)		200
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		Gold
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		2.419/g
Number of Rows		2
Orientation		Right Angle
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
Plating min - Termination		3.048µm
Polarized to Mating Part		Yes
Polarized to PCB		No
Shrouded		Closed Ends
Stackable		No

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

90130 Series

Mates With

C-Grid III Crimp Housing 90142 , 90143

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)	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

This document was generated on 10/18/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION