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Part Number:

0901303138

Status:

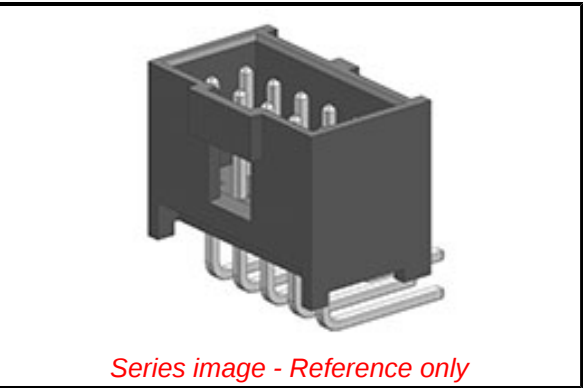
Active

Overview:

C-Grid III Interconnects

Description:

C-Grid III Header, Dual Row, Right-Angle, Shrouded, Fully Loaded, 38 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)



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
Component Type		PCB Header
Overview		C-Grid III Interconnects
Product Name		C-Grid III
Taxonomy		PCB Headers and Receptacles
UPC		800753705968
Physical		
Breakaway		No
Circuits (Loaded)		38
Circuits (maximum)		38
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		Yes
Material - Metal		Brass
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		4.777/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		3.048µm
Plating min - Termination		3.048µm
Polarized to Mating Part		Yes
Polarized to PCB		No
Shrouded		Closed Ends

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 2019)

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

Stackable	No
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

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