Part Number : 901301108
Product Description : C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 8 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)
Series Number : 90130
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

Drawing_901301108_sd.pdf
Packaging Design Drawing_PK-91814-005-001.pdf

3D Models and Design Files

3D Model_901301108_stp.zip

Specifications

Application Specification_901190001-AS-000.pdf
Packaging Specification_PK-90130-001-001.pdf
Product Specification_PS-99020-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90130
Description	C-Grid III Header, Dual Row, Vertical, Shrouded, Fully Loaded, 8 Circuits, Black, 3µm Tin (Sn) over Nickel (Ni)
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid and C-Grid III Connector Products
Product Name	C-Grid III
UPC	800753700444

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	1.097/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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
Stackable	No
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	3
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid III Dual Row Crimp Housings	90142
C-Grid III Modular Dual Row Crimp Housings	90143

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

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