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Part Number:

0901481108

Status:

Active

Overview:

C-Grid Connector Products

Description:

2.54mm Pitch C-Grid PC Board Connector, Single Row, Right-Angle, 1.00µm Tin (Sn), 8 Circuits

Documents:

3D Model

Drawing (PDF)

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

Packaging Specification PK-90148-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

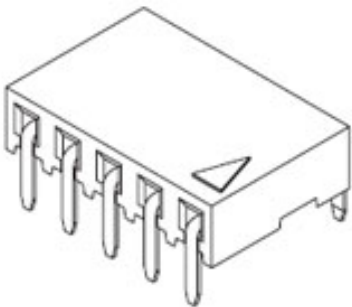
General

Product Family	PCB Receptacles
Series	90148
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid
UPC	800753534261

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.848/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

90148 Series

Mates With

C-Grid III Header 90120 , 90121

Current - Maximum per Contact	3.0A
Grounding to PCB	No
Voltage - Maximum	350V AC/DC

Solder Process Data

Lead-freeProcess Capability	WAVE
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90148-0001-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90148-001

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