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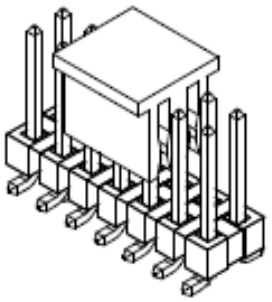
Part Number: 0879209112
Status: Active
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row, Vertical, 6 Circuits, 0.38µm Gold (Au) Plating, with Pick-and-Place Cap, without Peg, Tape on Reel Packaging, Lead-Free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-87920-019-001 (PDF)
Packaging Specification PK-89990-479-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179

General

Product Family	PCB Headers
Series	87920
3D Viewer	Yes
Application	Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.0
Overview	C-Grid Connector Products
PITCH-MATING-NUMERIC	2.54
Product Name	C-Grid
UPC	822350958004

Physical

Breakaway	Yes
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
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
Mated Height	6.10mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.305/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Shrouded	No

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free Status
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
87920 Series

Mates With
7859 Shunts, C-Grid Receptacles, SL Crimp, FFC and IDT Housings

Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-479-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87920-020-001

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Mouser Electronics

Authorized Distributor

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