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Part Number: 0879143416

Status: Active

Overview: C-Grid Connector Products

Description: 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 34 Circuits, 2.50µm Tin (Sn) Overall Plating. Tray Packaging. Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-87920-019-001 (PDF)

[Packaging Specification PK-89990-489-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

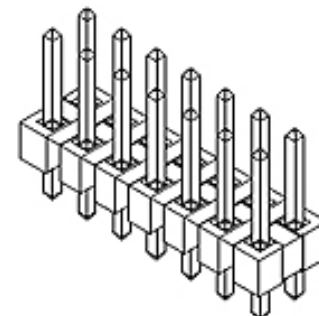
UL E29179

General

Product Family	PCB Headers
Series	<u>87914</u>
3D Viewer	Yes
Application	Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.0
Overview	<u>C-Grid Connector Products</u>
PITCH-MATING-NUMERIC	2.54
Product Name	C-Grid
UPC	822348867851

Physical

Breakaway	Yes
Circuits (Loaded)	34
Circuits (maximum)	34
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	5.84mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	1.903/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm
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	2.540μm
Plating min - Termination	1.270μm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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

87914 Series

Mates With

7859 Shunts, 71850 C-Grid PCB
Receptacles, 70450 SL IDT Housing

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	012
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87914-013-000

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