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Part Number: [0879392000](#)
Status: **Active**
Overview: [C-Grid III Interconnects](#)
Description: 2.54mm Pitch C-Grid Header, Surface Mount, Dual Row Dual Body, with Plastic Pegs, 20 Circuits, 2.50µm Tin (Sn) Plating, 15.35mm Stacking Height, Tube Packaging, Lead-Free

Documents:

3D Model	Packaging Specification PK-89990-512 (PDF)
Drawing (PDF)	Test Summary 879200000-TS-000 (PDF)
Product Specification PS-87920-019-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-89990-507-001 (PDF)	

Agency Certification

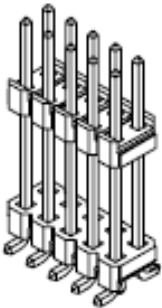
UL E29179

General

Product Family	PCB Headers
Series	87939
Application	Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.0
Comments	Custom Header, without Cap, Custom Header, without Cap
Overview	C-Grid III Interconnects
PITCH-MATING-NUMERIC	2.54
Product Name	C-Grid, Dual Body
UPC	800756754840

Physical

Breakaway	Yes
Circuits (Loaded)	20
Circuits (maximum)	20
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	4.65mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	1.394/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

[87939](#) Series

Mates With

[71395](#) 2.54mm Pitch C-Grid PCB Connector

Shrouded	No
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	010
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-89990-507-001, PK-89990-512
Product Specification	PS-87920-019-001
Sales Drawing	SD-87939-017-000
Test Summary	879200000-TS-000

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