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Part Number: [0877970500](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: C-Grid Header, Through Hole, Dual Row Dual Body, Vertical, 0.38µm Gold (Au) Plating, 9.40mm Stacking Height, Bag Packaging, 50 Circuits, Lead-Free

Documents:

3D Model	Packaging Specification PK-87797-300-000 (PDF)
Drawing (PDF)	Test Summary 879200000-TS-000 (PDF)
3D Model (PDF)	Test Summary 879200001-TS-000 (PDF)
Product Specification PS-87920-019-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 713080001-AS-000 (PDF)	

General

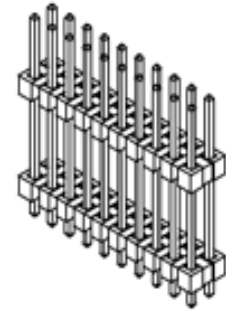
Product Family	PCB Headers
Series	87797
Application	Board-to-Board, Signal
Overview	C-Grid Connector Products
Product Name	C-Grid, Dual Body
UPC	822350757584

Physical

Breakaway	Yes
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.902/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.67mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
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
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[87797 Series](#)

Voltage - Maximum 250V

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Application Specification 713080001-AS-000
Packaging Specification PK-87797-300-000
Product Specification PS-87920-019-001
Sales Drawing SD-87797-171-000
Test Summary 879200000-TS-000, 879200001-TS-000

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