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Part Number: [0877971800](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: C-Grid Header, Through Hole, Dual Row Dual Body, Vertical, 18 Circuits, Gold (Au) Flash Plating, 9.35mm Stacking Height, Tray Packaging, Lead-Free

Documents:

3D Model	Packaging Specification PK-89990-489-001 (PDF)
Drawing (PDF)	Test Summary 879200000-TS-000 (PDF)
Product Specification PS-87920-019-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-87797-300-000 (PDF)	

Agency Certification

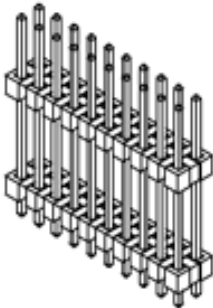
UL E29179

General

Product Family	PCB Headers
Series	87797
3D Viewer	Yes
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	3.0
Overview	C-Grid Connector Products
PITCH-MATING-NUMERIC	2.54
Product Name	C-Grid, Dual Body
UPC	883906380342

Physical

Breakaway	Yes
Circuits (Loaded)	18
Circuits (maximum)	18
Circuits Detail	Voids at circuits 11 and 12
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
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	1.477/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.44mm
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	0.051µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[87797 Series](#)

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
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	014
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87797-300-000, PK-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87797-171-000
Test Summary	879200000-TS-000

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