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Part Number: [0877970400](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: C-Grid Header, Through Hole, Dual Row Dual Body, Vertical, 0.38µm Gold (Au) Plating, 12.70mm Stacking Height, Tray Packaging, 40 Circuits, Lead-Free

Documents:

3D Model	Packaging Specification PK-87797-300-000 (PDF)
Drawing (PDF)	Packaging Specification PK-89990-489-001 (PDF)
3D Model (PDF)	Test Summary 879200000-TS-000 (PDF)
Product Specification PS-87920-019-001 (PDF)	Test Summary 879200001-TS-000 (PDF)
Application Specification 713080001-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

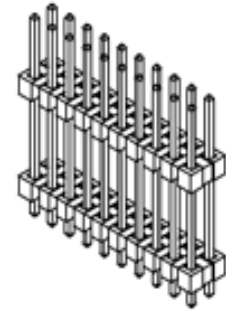
UL E29179

General

Product Family	PCB Headers
Series	87797
Application	Board-to-Board, Signal
Component Type	PCB Header
Overview	C-Grid Connector Products
Product Name	C-Grid, Dual Body
Taxonomy	PCB Headers and Receptacles
UPC	822350598705

Physical

Breakaway	Yes
Circuits (Loaded)	40
Circuits (maximum)	40
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	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	5.025/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	0.381µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87797 Series](#)

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-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265

Material Info**Reference - Drawing Numbers**

Application Specification	713080001-AS-000
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, 879200001-TS-000

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