



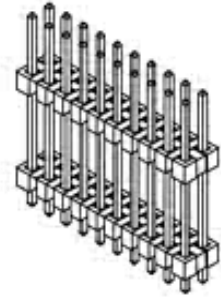
**Part Number :** [877970400](#)

**Product 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

**Series Number :** 87797

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[877970400\\_sd.pdf](#)

[PK-87797-300-000.pdf](#)

[PK-89990-489-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[713080001-AS-000.pdf](#)

[PS-87920-019-001.pdf](#)


[879200000-TS-000.pdf](#)

[879200001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant

REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	87797
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
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Name	C-Grid,Dual Body
UPC	822350598705

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

## 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
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.79mm
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
Temperature Range - Operating	-55° to +105°C

Termination Interface Style	Through Hole
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### Solder Process Data

Max-Duration	14
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	265

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