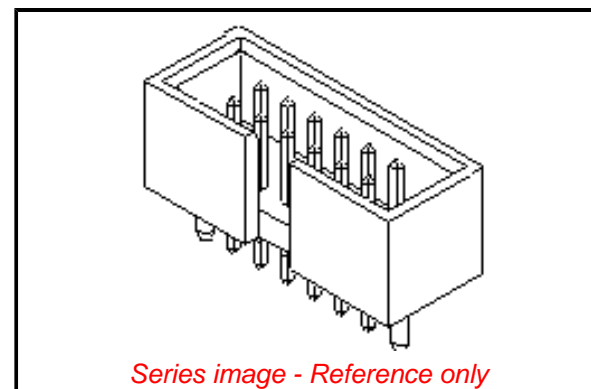


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Part Number: [0878345021](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, PCB Locators, with End Windows, 0.13µm Gold (Au) Flash Plating, Nylon Housing, 50 Circuits, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | Application Specification 713080001-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification PK-87835-001-001 (PDF) |
| Product Specification PS-70246-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87834 |
| Application | Signal, Wire-to-Board |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 822348273461 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 50 |
| Circuits (maximum) | 50 |
| Color - Resin | Natural |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 6.500/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.43mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Tray |
| Pitch - Mating Interface | 2.54mm |
| Pitch - Termination Interface | 2.54mm |
| Plating min - Mating | 0.127µm |
| Plating min - Termination | 1.905µm |
| Polarized to Mating Part | Center Slot |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -55° to +120°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum | 250V DC |

Solder Process Data

| | |
|--|-----|
| Duration at Max. Process Temperature (seconds) | 005 |
|--|-----|

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not 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

[87834 Series](#)

Mates With

1.27mm Pitch Ribbon Cable Connectors

| | |
|---|------|
| Lead-freeProcess 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-87835-001-001 |
| Product Specification | PS-70246-100-001 |
| Sales Drawing | SD-87834-028-001 |

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