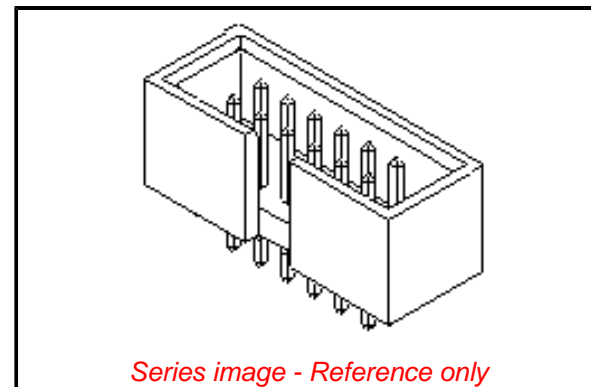


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Part Number: **0878341019**
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, 10 Circuits, 0.13µm Gold (Au) Plating, Black, without PCB Locator, without End Window, Center Polarization Slot, 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) |



Series image - Reference only

Agency Certification

UL E29179

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 87834 |
| Application | Signal, Wire-to-Board |
| Overview | C-Grid Connector Products |
| Product Name | C-Grid |
| UPC | 822348363575 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 1.710/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.43mm |
| PCB Locator | No |
| PCB Retention | None |
| 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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

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

Voltage - Maximum 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 003
Lead-free Process Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 235

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-87834-024-001, SD-87834-025-001

This document was generated on 09/13/2021

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