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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](#) [Packaging Specification PK-87835-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-70246-100-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

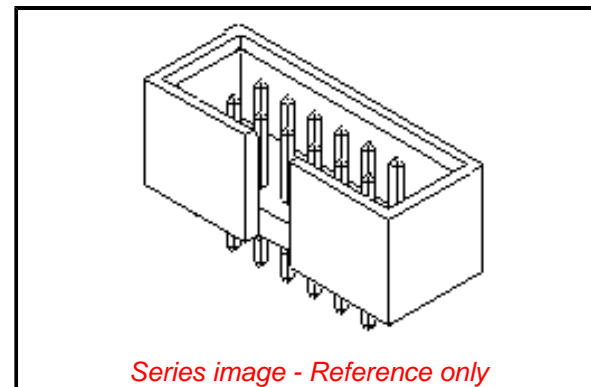
Product Family PCB Headers  
Series 87834  
Application Signal, Wire-to-Board  
Overview C-Grid Connector Products  
Product Name C-Grid  
UPC 822348363575

**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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

Packaging Specification PK-87835-001  
Product Specification PS-70246-100-001  
Sales Drawing SD-87834-024-001, SD-87834-025

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