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**Part Number:** [0878342643](#)  
**Status:** **Active**  
**Overview:** C-Grid Connector Products  
**Description:** 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, 26 Circuits (void at circuit 2), 0.38µm Gold (Au) Selective Plating, without PCB Locator, Center Polarization Slot, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-87835-001-001 \(PDF\)](#)  
[Product Specification PS-70246-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 713080001-AS-000 \(PDF\)](#)

**Agency Certification**

UL E29179

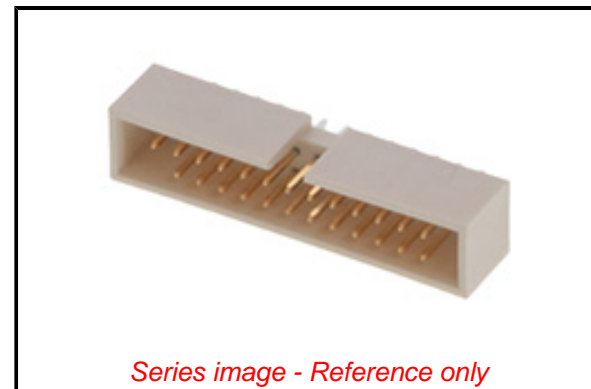
**General**

Product Family PCB Headers  
 Series 87834  
 Application Signal, Wire-to-Board  
 Comments Void at circuit 26  
 Overview C-Grid Connector Products  
 Product Name C-Grid  
 UPC 822350126557

**Physical**

Breakaway No  
 Circuits (Loaded) 25  
 Circuits (maximum) 26  
 Color - Resin Natural  
 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 Nylon  
 Net Weight 3.631/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 0.381µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Center Slot  
 Polarized to PCB No  
 Shrouded Fully  
 Stackable No  
 Temperature Range - Operating -55° to +120°C  
 Termination Interface: Style Through Hole

**Electrical**



Series image - Reference only

**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

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
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-87835-001-001
Product Specification	PS-70246-100-001
Sales Drawing	SD-87834-019-001, SD-87834-024-001

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