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**Part Number:** [0878342019](#)  
**Status:** **Active**  
**Overview:** [C-Grid Connector Products](#)  
**Description:** 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, 20 Circuits, 0.13µm Gold (Au) Plating, Black, without PCB Locator, without End Window, Center Polarization Slot, Lead-Free

**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 822348363995

**Physical**

Breakaway No  
 Circuits (Loaded) 20  
 Circuits (maximum) 20  
 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 2.899/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  
 Voltage - Maximum 250V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 003  
 Lead-freeProcess Capability WAVE  
 Max. Cycles at Max. Process Temperature 001

**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

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

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