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Part Number: [0878343419](#)
Status: **Active**
Overview: C-Grid Connector Products
Description: 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, 34 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

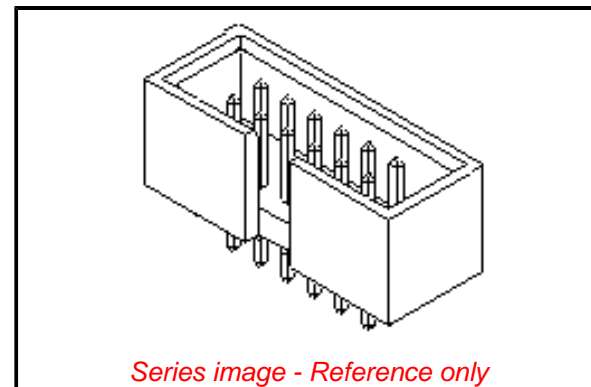
UL E29179

General

Product Family PCB Headers
 Series [87834](#)
 3D Viewer Yes
 Application Signal, Wire-to-Board
 CURRENT-MAX-NUMERIC 2.5
 Overview [C-Grid Connector Products](#)
 PITCH-MATING-NUMERIC 2.54
 Product Name C-Grid
 UPC 822348274932

Physical

Breakaway No
 Circuits (Loaded) 34
 Circuits (maximum) 34
 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 4.565/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



Series image - Reference only

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

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[87834 Series](#)

Mates With

1.27mm Pitch Ribbon Cable Connectors

Electrical

Current - Maximum per Contact 2.5A
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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