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Part Number: **0878341619**
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Header, Dual Row, Low Profile, Vertical, Shrouded, 16 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

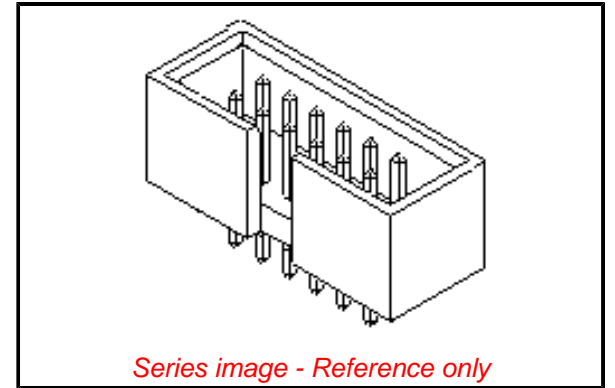
Product Family PCB Headers
Series 87834
Application Signal, Wire-to-Board
Overview [C-Grid® Products](#)
Product Name C-Grid®
UPC 822348363926

Physical

Breakaway No
Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Black
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant 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 2.424/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°C 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
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

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-87834-025

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