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Part Number: [87834-1811](#)
Status: **Active**
Overview: C-Grid® Products
Description: 2.54mm Pitch C-Grid® Header, Dual Row, Low Profile, Vertical, Shrouded, Lead-Free, 18 Circuits, Gold (Au) Flash, Beige, PCB Locators, without End Window

Documents:

[3D Model](#) [Product Specification PS-70246-100 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

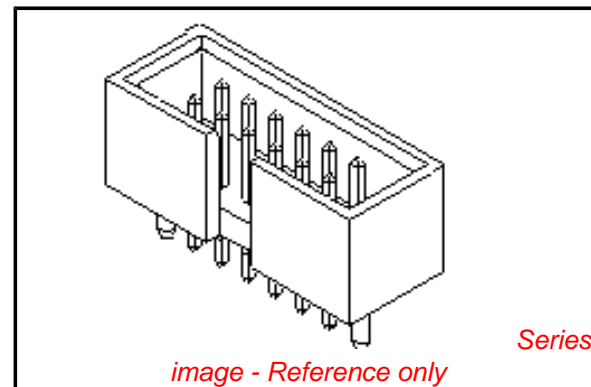
Product Family PCB Headers
 Series [87834](#)
 Application Signal, Wire-to-Board
 Overview [C-Grid® Products](#)
 Product Name C-Grid®
 UPC 822348273447

Physical

Breakaway No
 Circuits (Loaded) 18
 Circuits (maximum) 18
 Color - Resin Natural
 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 Nylon
 Net Weight 2.775/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 3.43mm
 PCB Locator Yes
 PCB Retention Yes
 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
 Voltage - Maximum 250V DC



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

[87834Series](#)

Mates With

1.27mm Pitch Ribbon Cable Connectors

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265

Material Info**Reference - Drawing Numbers**

Product Specification	PS-70246-100
Sales Drawing	SD-87834-024

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