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**Part Number:** [0878341041](#)  
**Status:** **Active**  
**Overview:** C-Grid® Products  
**Description:** 2.54mm Pitch C-Grid® Header, Dual Row, Low Profile, Vertical, Shrouded, without PCB Locator, without End Window, 0.13µm Gold (Au) Flash Plating, Nylon Housing, 10 Circuits, Lead-Free

**Documents:**

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

**Agency Certification**

UL E29179

**General**

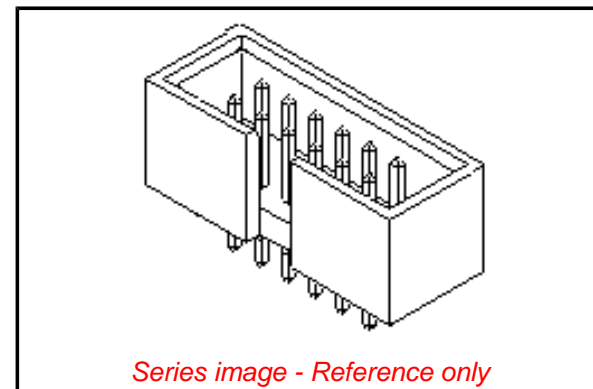
Product Family PCB Headers  
 Series 87834  
 Application Signal, Wire-to-Board  
 Overview [C-Grid® Products](#)  
 Product Name C-Grid®  
 UPC 822348363582

**Physical**

Breakaway No  
 Circuits (Loaded) 10  
 Circuits (maximum) 10  
 Color - Resin Natural  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part Yes  
 Lock to Mating Part None  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 1.785/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 2.540µm  
 Polarized to Mating Part Center Slot  
 Polarized to PCB No  
 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 ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

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

China ROHS

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

87834 Series

**Mates With**

1.27mm Pitch Ribbon Cable Connectors

**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**

Product Specification	PS-70246-100
Sales Drawing	SD-87834-023

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