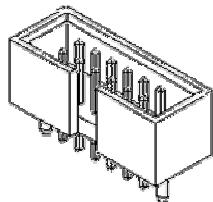


**Part Number: 87834-1821**

2.54mm Pitch C-Grid® Header, Dual Row, Low Profile, Vertical, Shrouded, PCB Locators, with End Windows, 0.13µm Gold (Au) Flash Plating, Nylon Housing, 18 Circuits, Lead-Free



Series Image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	87834
Category:	PCB Headers
Overview:	C-Grid® Products

Mates With Part(s):

1.27mm pitch ribbon cable connectors

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS:

REACH SVHC: Contains SVHC: No

Low-Halogen Status: Not Reviewed

Part Detail**General**

Status	Obsolete
Category	PCB Headers
Series	87834
Application	Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®

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	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
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

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC

Agency Certification

UL	E29179
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Material Info

UPC	822348363988
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Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70246-100
SD-87834-028

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application

Tooling

[Check our list of old tooling that used to be available for this part](#)