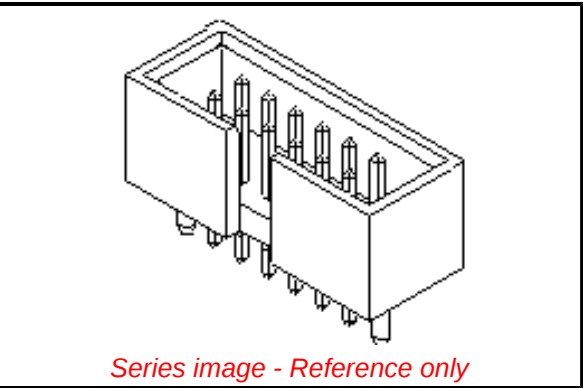


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Part Number: [0878345021](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, PCB Locators, with End Windows, 0.13µm Gold (Au) Flash Plating, Nylon Housing, 50 Circuits, Lead-Free



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-70246-100-001 \(PDF\)](#)
[Packaging Specification PK-87835-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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 822348273461

Physical
Breakaway No
Circuits (Loaded) 50
Circuits (maximum) 50
Color - Resin Natural
First Mate / Last Break No
Glow-Wire Capable 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
Net Weight 6.500/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° 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	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-87835-001
Product Specification	PS-70246-100-001
Sales Drawing	SD-87834-028

This document was generated on 09/26/2019

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