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Part Number:

0878344041

Status:

Active

Overview:

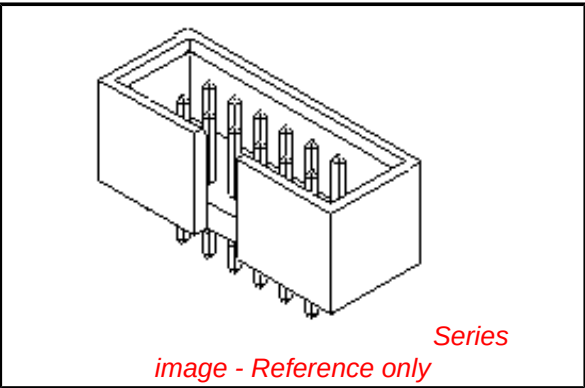
cgrid_sl_products

Description:

2.54mm (.100") Pitch C-Grid® Header, Dual Row, Low Profile, Vertical, Shrouded, without PCB Locator, without End Window, 0.13µm (5µ) Gold (Au) Flash Plating, Nylon Housing, 40 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	Wire-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®
Physical	
Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
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
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.135 In
PC Tail Length (mm)	3.43 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	5
Plating min: Mating (µm)	0.13
Plating min: Termination (µin)	98
Plating min: Termination (µm)	2.50
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



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

.050" pitch ribbon cable connectors

Electrical

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

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

Packaging Specification	PK-87835-001
Product Specification	PS-70246-100
Sales Drawing	SD-87834-023

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