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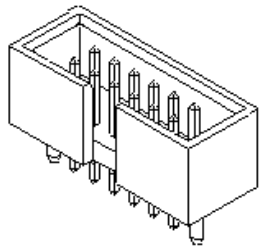
Part Number: 0878341011
Status: Active
Overview: cgrid__sl_products
Description: 2.54mm (.100") Pitch C-Grid® Header, Dual Row, Low Profile, Vertical, Shrouded, Lead-free, 10 Circuits, Gold (Au) Flash, Beige, PCB Locators, without End Window



Series image - Reference only

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	cgrid__sl_products
Product Name	C-Grid®

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	None
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	3.43mm (.135")
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	0.127µm (5µ")
Plating min - Termination	1.905µm (75µ")
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

Solder Process Data

Duration at Max. Process Temperature (seconds)	5

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
.050" pitch ribbon cable connectors

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

Material Info

Country of Origin	HK, IE, MY, SG, SK

Reference - Drawing Numbers

Packaging Specification	PK-87835-001
Product Specification	PS-70246-100
Sales Drawing	SD-87834-024

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