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Part Number:

0878351042

Status:

Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") Pitch C-Grid® Header, Right Angle, Through Hole, Dual Row, Low Profile, Shrouded, 10 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Center Polarization Slot, with Two End Slots, Lead-free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-70246-100 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	87835
Application	Wire-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
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	Right Angle
PC Tail Length (in)	0.100 In
PC Tail Length (mm)	2.54 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	75.2
Plating min: Termination (µm)	1.88
Polarized to Mating Part	Center Slot
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +120°C
Termination Interface: Style	Through Hole

Electrical

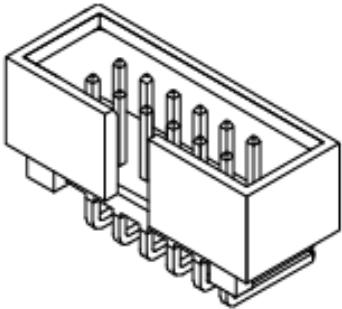


image - Reference only

Series

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

87835Series

Mates With

.050" pitch ribbon cable connectors

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

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-87835-003

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