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Part Number:

0879390002

Status:

Active

Overview:

cgrid_iii

Description:

2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row Dual Body, without Pegs, 12 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, 8.50mm (.335") Stacking Height, Tube Packaging, Lead-Free

Documents:

Drawing (PDF)

Product Specification PS-87920-019 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	87939
Application	Board-to-Board, Signal, Wire-to-Board
Comments	Custom Header, without Cap
Overview	cgrid_iii
Product Name	C-Grid®, Dual Body

Physical

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	5.90mm (.232")
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tube
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	2.032µm (80µ")
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	3A
Voltage - Maximum	250V

Solder Process Data

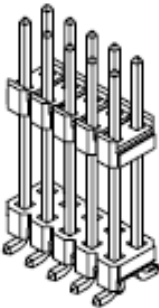


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen 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

87939Series

Mates With

87985 Milli-Grid™ 2mm IDT Receptacle with Metal Latch

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-87920-019
Sales Drawing	SD-87939-017

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