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Part Number:

0877970010

Status:

Active

Overview:

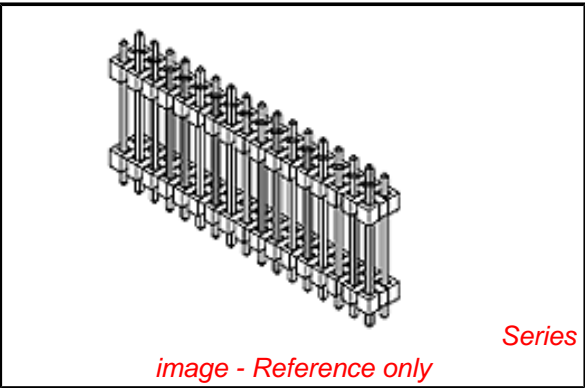
cgrid\_sl\_products

Description:

2.54mm (.100") Pitch C-Grid® Header, Through Hole, Dual Row Dual Body, Vertical, 34 Circuits, Tin (Sn) Overall Plating, 15.10mm (.594") Stacking Height, Tray Packaging, Lead-free

Documents:	
<a href="#">3D Model</a>	<a href="#">Product Specification PS-87920-019 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	87797
Application	Board-to-Board, Signal
Overview	cgrid_sl_products
Product Name	C-Grid®, Dual Body
Physical	
Breakaway	Yes
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Black
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 - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm (.110")
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm (.031")
Packaging Type	Bag, Tray
Pitch - Mating Interface	2.54mm (.100")
Pitch - Termination Interface	2.54mm (.100")
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3A
Voltage - Maximum	250V



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](mailto: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

87797Series

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	14
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**

Product Specification	PS-87920-019
Sales Drawing	SD-87797-133

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