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Part Number:

0877971001

Status:

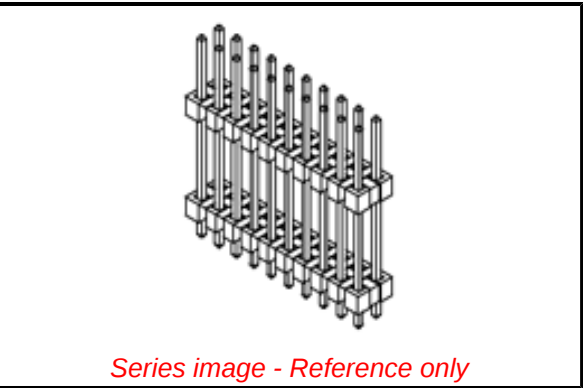
Active

Overview:

C-Grid Connector Products

Description:

C-Grid Header, Through Hole, Dual Row Dual Body, Vertical, 2.50µm Tin (Sn) Plating, 19.05mm Stacking Height, Tray Packaging, 10 Circuits, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87920-019-001 (PDF)

Packaging Specification PK-87797-300-000 (PDF)

Packaging Specification PK-89990-489-001 (PDF)

Test Summary 879200000-TS-000 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	87797
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	3.0
Overview	C-Grid Connector Products
PITCH-MATING-NUMERIC	2.54
Product Name	C-Grid, Dual Body
UPC	800756687810
Physical	
Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	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	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	0.487/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.29mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Surface Mount Compatible (SMC)	Yes

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per - ED/108/2014 (17 Dec 2014)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

87797 Series

Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	3.0A
Voltage - Maximum	250V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87797-300-000, PK-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87797-171-000
Test Summary	879200000-TS-000

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