

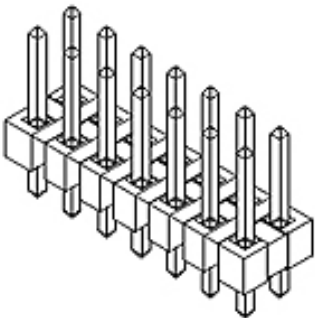
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Part Number: [0879141003](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 10 Circuits, 2.54µm Tin (Sn) in Select Area Over 1.270µm Nickel Plating, Tray Packaging, Lead-free

Documents:
[3D Model](#) [Packaging Specification PK-89990-489-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Test Summary 879200000-TS-000 \(PDF\)](#)
[Product Specification PS-87920-019-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	87914
3D Viewer	Yes
Application	Board-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.0
Overview	C-Grid Connector Products
PITCH-MATING-NUMERIC	2.54
Product Name	C-Grid
UPC	884982611566

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
Mated Height	8.13mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	0.642/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.79mm
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



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Not Reviewed REACH SVHC Not Contained Per - ED/30/2017 (7 July 2017) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS
China ROHS ELV RoHS Phthalates	Green Image Not Relevant Not Contained

Search Parts in this Series
[87914](#) Series

Mates With
[7859](#) Shunts, [71850](#) C-Grid PCB
Receptacles, [70450](#) SL IDT Housing

Surface Mount Compatible (SMC)	Yes
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)	012
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87914-013-000
Test Summary	879200000-TS-000

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