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Part Number: [0879141026](#)
Status: **Active**
Overview: [C-Grid Connector Products](#)
Description: 2.54mm Pitch C-Grid Header, Through Hole, Dual Row, Vertical, 2.50µm Tin (Sn)
Selective Plating, 10 Circuits, Tray Packaging, Lead-Free

Documents:

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

Agency Certification

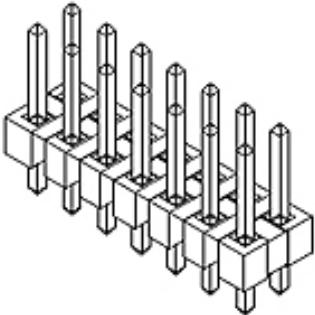
UL E29179

General

Product Family PCB Headers
Series [87914](#)
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 800756748009

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 7.00mm
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Plating Termination Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 0.607/g
Number of Rows 2
Orientation Vertical
PC Tail Length 2.96mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

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

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-89990-489-001
Product Specification	PS-87920-019-001
Sales Drawing	SD-87914-013-000
Test Summary	879200000-TS-000

This document was generated on 09/26/2019

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