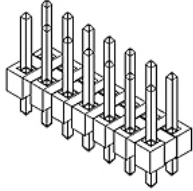


**Part Number: 87914-5036**

2.54mm Pitch C-Grid® Header, Through Hole, Dual Row, Vertical, 2.54µm Tin (Sn) Selective Plating, 50 Circuits, with Standoff, Tray Packaging, Lead-Free



Series image - Reference only

**Status:** **OBSOLETE**  
**Replacement:** Contact Molex  
**Series:** [87914](#)  
**Category:** PCB Headers  
**Overview:** [C-Grid® Products](#)

**Mates With Part(s):**

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

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:** 

**REACH SVHC:**

**Low-Halogen Status:** Not Reviewed

**Part Detail****General**

Status	Obsolete
Category	PCB Headers
Series	<a href="#">87914</a>
Application	Board-to-Board, Signal, Wire-to-Board
Comments	With Standoff
Overview	<a href="#">C-Grid® Products</a>
Product Name	C-Grid®

**Physical**

Breakaway	Yes
Circuits (Loaded)	50
Circuits (maximum)	50
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	6.98mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.68mm
PCB Locator	No
PCB Retention	None
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
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

**(Please review the Product Specification for specific details.)**

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

**Solder Process Data**

**Material Info**

UPC	822350933810
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**Reference - Drawing Numbers**

Product Specification	PS-87920-019
Sales Drawing	SD-87914-022

**Application Tooling**

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)