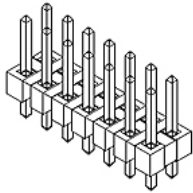


**Part Number: 87914-0200****2.54mm Pitch C-Grid® Header, Through Hole, Dual Row, Vertical, 0.38µm Gold (Au) Plating, 20 Circuits, Tray Packaging, Lead-Free**

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Status:	OBSOLETE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	87914
Application	Board-to-Board, Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®

Physical

Breakaway	Yes
Circuits (Loaded)	20
Circuits (maximum)	20
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
Mated Height	13.46mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.09mm
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	0.381µm
Plating min - Termination	2.032µm
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

Agency Certification

UL	E29179
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Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)

Lead-Free Process Capability	Wave Capable (111 only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

UPC	822350801867
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Reference - Drawing Numbers

Product Specification	PS-87920-019
Sales Drawing	SD-87914-045

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](#)