



Part Number: 87939-4001

Image not available

Status: Contact Molex
Series: [87939](#)
Category: PCB Headers
Overview: [C-Grid III™](#)

Series image - Reference only

Mates With Part(s):
[87985](#) Milli-Grid™ 2.00mm IDT Receptacle with Metal Latch

Part Detail

General

Status	Contact Molex
Category	PCB Headers
Series	87939
Application	Board-to-Board, Signal, Wire-to-Board
Comments	Custom Header, without Cap
Overview	C-Grid III™
Product Name	C-Grid®, Dual Body

Physical

Breakaway	Yes
Circuits (Loaded)	40
Circuits (maximum)	40
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	8.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	2.032µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

(Please review the Product Specification for specific details.)

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

Material Info

UPC	883906848903
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Reference - Drawing Numbers

Sales Drawing	SD-87939-017
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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](#)