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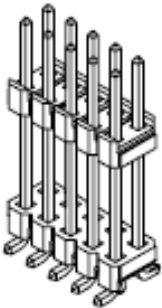
Part Number: [0879390800](#)
Status: **Active**
Overview: C-Grid III™
Description: 2.54mm Pitch C-Grid® Header, Surface Mount, Dual Row Dual Body, with Plastic Pegs, 8 Circuits, 2.50µm Tin (Sn) Plating, 17.86mm Stacking Height, Tube Packaging, Lead-Free

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-89990-507 \(PDF\)](#)
[Product Specification PS-87920-019-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family 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
UPC 800756754833

Physical
Breakaway Yes
Circuits (Loaded) 8
Circuits (maximum) 8
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 5.24mm
Material - Metal Copper Alloy
Material - Plating Mating Tin
Material - Plating Termination Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 1.926/g
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tube
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
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 3.0A
Voltage - Maximum 250V



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/21/2016 (20 June
2016)
Halogen-Free
Status
Low-Halogen
**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[87939](#) Series

Mates With
[71395](#) 2.54mm Pitch C-Grid® PCB
Connector

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-89990-507
Product Specification	PS-87920-019-001
Sales Drawing	SD-87939-0001, SD-87939-017

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