

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [87920-0830](#)
Status: **Active**
Overview: Milli-Grid™ Connector System
Description: 2.54mm Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 8 Circuits, 2.50µm Tin (Sn) Plating, with Pick-and-Place Cap, without Peg, Tape on Reel Packaging, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-87920-019 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
 Series [87920](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview Milli-Grid™ Connector System
 Product Name C-Grid®
 UPC 883906910730

Physical

Breakaway Yes
 Circuits (Loaded) 8
 Circuits (maximum) 8
 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 8.13mm
 Material - Metal Copper Alloy
 Material - Plating Mating Tin
 Material - Plating Termination Nickel
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.522g
 Number of Rows 2
 Orientation Vertical
 PCB Locator No
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Embossed Tape on Reel
 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
 Robotic Placement Pick and Place Cap
 Shrouded No
 Stackable No
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount

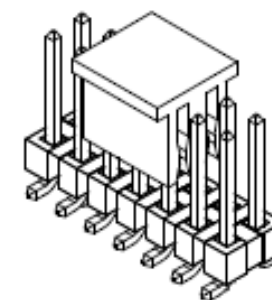


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[87920Series](#)

Mates With

7859 Shunts, C-Grid Receptacles, SL Crimp, FFC and IDT Housings

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Product Specification	PS-87920-019
Sales Drawing	SD-87920-050

This document was generated on 03/05/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION