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Part Number: [0901200768](#)
Status: **Active**
Overview: [C-Grid III™](#)
Description: 2.54mm (.100") Pitch C-Grid III™ Header, Single Row, Vertical, 8 Circuits, 0.38μm (15μ") Gold (Au) Selective Plating

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

Product Family PCB Headers
Series [90120](#)
Application Wire-to-Board
Overview [C-Grid III™](#)
Product Name C-Grid III™

Physical

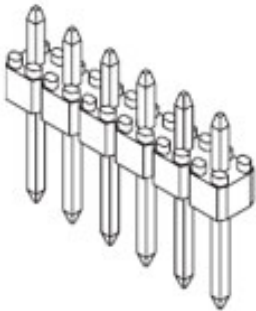
Breakaway Yes
Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Black
First Mate / Last Break No
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part None
Material - Metal Brass
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.114 In
PC Tail Length (mm) 2.90 mm
PCB Locator No
PCB Retention None
Packaging Type Bag
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (μin) 15
Plating min: Mating (μm) 0.38
Polarized to Mating Part No
Polarized to PCB No
Shrouded No
Stackable No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum 3A
Voltage - Maximum 350V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1



Series image - Reference only

EU RoHS

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

China RoHS



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environmental compliance?**

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non-product compliance questions.

Search Parts in this Series

[90120](#) Series

Mates With

[90147](#) C-Grid® PC Board Connector. [90123](#)
C-Grid III™ Modular Crimp Housing

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SDA-90120

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