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Part Number: [0901361109](#)
Status: **Active**
Overview: C-Grid III™
Description: 2.54mm (.100") Pitch C-Grid III™ Header, Single Row, Vertical, Shrouded, 9 Circuits, 4µm (160µ") Tin/Lead (Sn) over Nickel (Ni)

Documents:

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

General

Product Family PCB Headers
Series [90136](#)
Application Wire-to-Board
Overview [C-Grid III™](#)
Product Name C-Grid III™

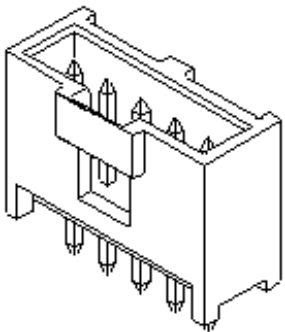
Physical

Breakaway No
Circuits (Loaded) 9
Circuits (maximum) 9
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 Yes
Material - Metal Brass
Material - Plating Mating Tin
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
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (µin) 120
Plating min: Mating (µm) 3
Plating min: Termination (µin) 120
Plating min: Termination (µm) 3
Polarized to PCB No
Shrouded Fully
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



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

[90136](#) Series

Mates With

[90123](#) C-Grid III™ Modular Crimp Housing.
[90156](#) C-Grid III™ Crimp Housing

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Sales Drawing

SDA-90136

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