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Part Number: [90136-2110](#)
Status: **Active**
Overview: [C-Grid III™](#)
Description: 2.54mm Pitch C-Grid III™ Header, Single Row, Right Angle, Shrouded, 10 Circuits, 4µm Tin/Lead (Sn) over Nickel (Ni)

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

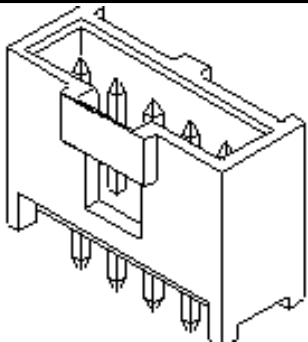
Product Family PCB Headers
Series [90136](#)
Application Signal, Wire-to-Board
Overview [C-Grid III™](#)
Product Name C-Grid III™
UPC 800753668638

Physical

Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
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 Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 1.611/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 2.90mm
PCB Locator No
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Plating min - Mating 3.048µm
Plating min - Termination 3.048µm
Polarized to PCB No
Shrouded Fully
Stackable No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3A



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not 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
[90136Series](#)

Mates With
[90123](#) C-Grid III™ Modular Crimp Housing,
[90156](#) C-Grid III™ Crimp Housing

Voltage - Maximum	350V
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SDA-90136

This document was generated on 11/05/2013

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