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Part Number: [0901361212](#)
Status: **Active**
Overview: [C-Grid III Interconnects](#)
Description: C-Grid III Header, Single Row, Vertical, Shrouded, 12 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

[3D Model](#) [Packaging Specification PK-90136-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-99020-0001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

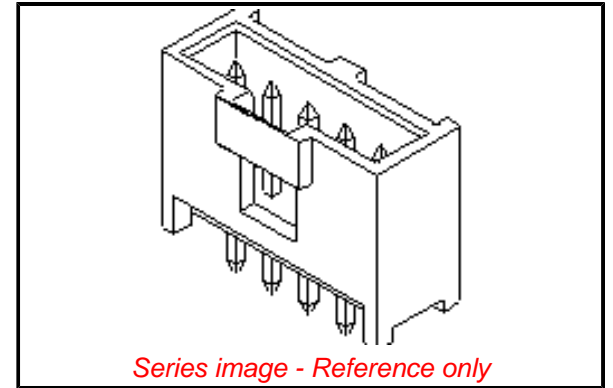
General

Product Family PCB Headers
 Series [90136](#)
 Application Signal, Wire-to-Board
 Overview [C-Grid III Interconnects](#)
 Product Name C-Grid III
 UPC 800753673960

Physical

Breakaway No
 Circuits (Loaded) 12
 Circuits (maximum) 12
 Color - Resin Black
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Capable No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 1.765/g
 Number of Rows 1
 Orientation Vertical
 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 0.381µm
 Plating min - Termination 3.048µm
 Polarized to PCB No
 Shrouded Fully
 Stackable No
 Temperature Range - Operating -55° to +125°C
 Termination Interface: Style Through Hole

Electrical



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90136](#) Series

Mates With

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

Current - Maximum per Contact	3.0A
Voltage - Maximum	350V AC/DC

Solder Process Data

Lead-free Process Capability	WAVE
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90136-001
Product Specification	PS-99020-0001-001
Sales Drawing	SDA-90136-001

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