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Part Number: [50-29-1412](#)
Status: **Active**
Overview: [Standard .093" Pin and Socket Connectors](#)
Description: [2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 12 Circuits](#)

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [3099](#)
Application Power, Wire-to-Board
Comments Solder Type|Round Pin
Overview [Standard .093" Pin and Socket Connectors](#)
Product Name Standard .093"
UPC 800754389457

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-2
Glow-Wire Compliant No
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Number of Rows 3
Orientation Vertical
PCB Locator Yes
PCB Retention None
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 5.03mm
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 5A
Voltage - Maximum 250V

Material Info

Old Part Number 3099-12A1

Reference - Drawing Numbers

Sales Drawing SD-3099-12*

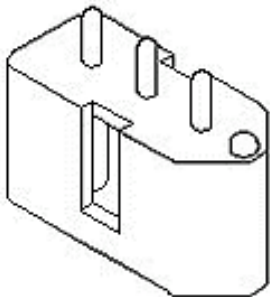


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

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
[3099Series](#)

Mates With
[1490](#) Receptacle, [1292](#) Receptacle,
[1396](#) Receptacle, [1375](#) Receptacle, [1360](#)
Receptacle, [1261](#) Receptacle

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