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Part Number: [0010181040](#)
Status: **Active**
Overview: Standard .093" Pin and Socket Connectors
Description: 2.36mm Diameter Standard .093" Pin and Socket Header, Shrouded, 4 Circuits, 1 Female Terminal, 1 Male Terminal, 2 Blank Positions

Documents:

[3D Model \(PDF\)](#) [Packaging Specification PK-3099-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [3099](#)
 Application Power, Wire-to-Board
 Comments Solder Type, Round Pin/Socket
 Overview [Standard .093" Pin and Socket Connectors](#)
 Product Name Standard .093"
 Taxonomy PCB Headers and Receptacles
 UPC 800754984812

Physical

Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 4
 Color - Resin Black
 Durability (mating cycles max) 25
 Flammability 94V-2
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 1.641/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 4.32mm
 PCB Locator Yes
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Bag
 Pitch - Mating Interface 5.03mm
 Plating min - Mating 1.270µm, 5.080µm
 Plating min - Termination 1.270µm, 5.080µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

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

[3099 Series](#)

Mates With

[03091041](#) , [03091042](#)

Electrical

Current - Maximum per Contact

5.0A

Voltage - Maximum

250V

Material Info**Reference - Drawing Numbers**

Packaging Specification

PK-3099-002-001

Sales Drawing

SDA-3099-X4XX-001

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