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Part Number: **0010181033**
Status: **Active**
Description: 2.36mm (.093") Diameter Standard .093" Pin and Socket Header, Shrouded, 3 Circuits, 1 Female Terminal, 2 Male Terminals

Documents:

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

General

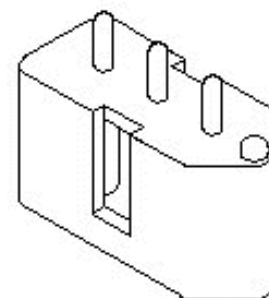
| | |
|----------------|-----------------------|
| Product Family | PCB Headers |
| Series | 3099 |
| Application | Wire-to-Board |
| Comments | Solder Type Round Pin |
| Product Name | Standard .093" |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| Flammability | 94V-2 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Number of Rows | 1 |
| Orientation | Vertical |
| PC Tail Length (in) | 0.170 In |
| PC Tail Length (mm) | 4.32 mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness Recommended (in) | 0.062 In |
| PCB Thickness Recommended (mm) | 1.60 mm |
| Packaging Type | Bag |
| Pitch - Mating Interface (in) | 0.198 In |
| Pitch - Mating Interface (mm) | 5.03 mm |
| Plating min: Mating (µin) | 50 |
| Plating min: Mating (µm) | 1.25 |
| Plating min: Termination (µin) | 50 |
| Plating min: Termination (µm) | 1.25 |
| 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

| | |
|-------------------|---------|
| CSA | LR19980 |
| Current - Maximum | 5A |
| UL | E29179 |
| Voltage - Maximum | 250V |



Series image - Reference only

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status

China RoHS



Need more information on product environmental compliance?

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Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

3099 Series

Mates With

03-09-1081 , 03-09-1032

Solder Process Data

| | |
|---|------------------------|
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 3 |
| Process Temperature max. C | 260 |

Material Info

| | |
|-----------------|----------|
| Old Part Number | 3099P-3A |
|-----------------|----------|

Reference - Drawing Numbers

| | |
|---------------|---------------|
| Sales Drawing | SDA-3099-*3** |
|---------------|---------------|

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