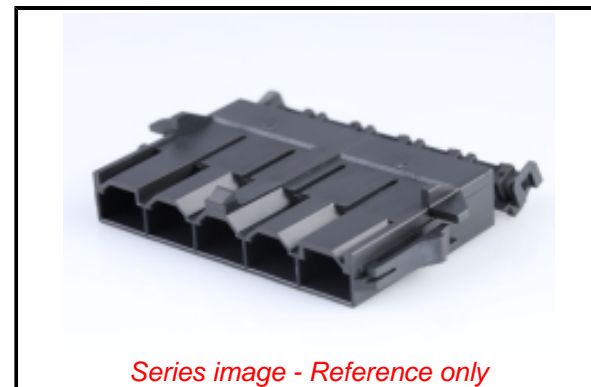


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0428180512](#)
Status: **Active**
Overview: Mini-Fit Sr. Power Connectors
Description: 10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 5 Circuit, Black

Documents:

| | |
|--|--|
| Drawing (PDF) | Product Specification TS-42815-001-001 (PDF) |
| 3D Model | Packaging Specification PK-42818-002-001 (PDF) |
| 3D Model (PDF) | Test Summary TS-42815-004-001 (PDF) |
| Product Specification PS-42815-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | Crimp Housings |
| Series | 42818 |
| Application | Power, Wire-to-Board |
| Overview | Mini-Fit Sr. Power Connectors |
| Product Name | Mini-Fit Sr. |
| UPC | 800754382168 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 5 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Plug |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 10.987/g |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | Yes |
| Pitch - Mating Interface | 10.00mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 50.0A |
|-------------------------------|-------|

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|------------------------------------|
| Packaging Specification | PK-42818-002-001 |
| Product Specification | PS-42815-001-001, TS-42815-001-001 |
| Sales Drawing | SD-42818-XXX2-001 |
| Test Summary | TS-42815-004-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[42818 Series](#)

Mates With

Mini-Fit Sr. Receptacle Housing [428160512](#)

Use With

Terminal Position Assurance (TPA) Clip
Included. [42817](#) Male Crimp Terminals

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