



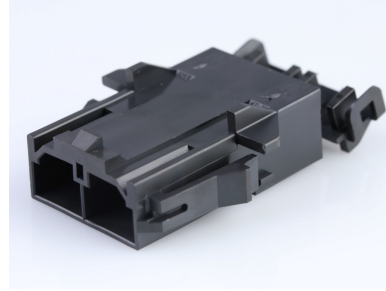
**Part Number :** [428180212](#)

**Product Description :** 10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 2 Circuit, Black

**Series Number :** 42818

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[Drawing 428180212\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 428180212\\_stp.zip](#)

### Specifications

[Packaging Specification PK-42818-002-001.pdf](#)

[Product Specification PS-42815-001-001.pdf](#)

[Product Specification TS-42815-001-001.pdf](#)

[Test Summary TS-42815-004-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	42818
Description	10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 2 Circuit, Black
Application	Power, Wire-to-Board
Product Family	Mini-Fit Sr. Power Connectors
Product Name	Mini-Fit Sr.
UPC	800754382014

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	50.0A
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### Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	5.243/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

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 2 Circuit, Black	<u>0428160212</u>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.15m Length, 2 Circuits, Black	<u>0369240201</u>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.30m Length, 2 Circuits, Black	<u>0369240203</u>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 1.0m Length, 2 Circuits, Black	<u>0369240210</u>

### Use with Part(s)

Description	Part Number
Mini-Fit Sr. Male Crimp Terminals	<u>42817</u>
Use With	Terminal Position Assurance (TPA) Clip Included

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