

**Part Number :** 428180512

**Product Description :** 10.00mm Pitch Mini-Fit Sr.  
Plug Housing, Single Row, Panel Mount, 5 Circuit, Black

**Series Number :** 42818

**Status :** Active

**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[428180512\\_sd.pdf](#)

### 3D Models and Design Files

[428180512\\_stp.zip](#)

### Specifications

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

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

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

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

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	ⓘ per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

#### Industry Documents

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

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Connector Housings
Series	42818
Description	10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 5 Circuit, Black
Application	Power, Wire-to-Board
Product Name	Mini-Fit Sr.
UPC	800754382168

### Agency

CSA	LR19980
UL	E29179

### 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

## Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 5 Circuit, Black	<u>428160512</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