



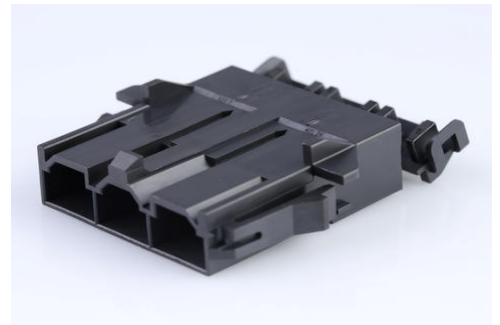
**Part Number :** [428180312](#)

**Product Description :** Mini-Fit Sr. Plug Housing, 10.00mm Pitch, Single Row, Panel Mount, 3 Circuit, Black

**Series Number :** 42818

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[428180312\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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


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

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

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## 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(2025)4165-DC (25 June 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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	42818
Description	Mini-Fit Sr. Plug Housing, 10.00mm Pitch, Single Row, Panel Mount, 3 Circuit, Black
Application	Power, Wire-to-Board
Product Name	Mini-Fit Sr.
UPC	800754382045

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No

Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	7.000/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	10.00mm
Pitch - Termination 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
Mini-Fit Sr. Receptacle Housing, 10.00mm Pitch, Single Row, 3 Circuit, Black	<a href="#"><u>428160312</u></a>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.15m Length, 3 Circuits, Black	<a href="#"><u>369240301</u></a>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.30m Length, 3 Circuits, Black	<a href="#"><u>369240303</u></a>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 1.0m Length, 3 Circuits, Black	<a href="#"><u>369240310</u></a>

#### 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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## Looking for pricing, stock, or lifecycle information?

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 [View 42818-0312 on WIN SOURCE](#)

 [Molex, LLC Information](#)

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