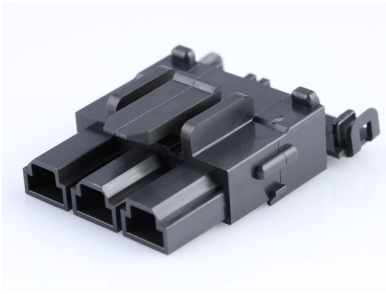




**Part Number :** [428160312](#)  
**Product Description :** 10.00mm Pitch Mini-Fit  
Sr. Receptacle Housing, Single Row, 3 Circuit,  
Black  
**Series Number :** 42816  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[428160312\\_sd.pdf](#)

**3D Models and Design Files**  
[428160312\\_stp.zip](#)

**Specifications**  
[PK-42816-002-001.pdf](#)  
[PS-42815-001-001.pdf](#)  
[TS-42815-004-001.pdf](#)

## 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(2024)4144-DC (27 June 2024)
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	42816
Description	10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 3 Circuit, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Sr.
UPC	800754381673

#### Agency

CSA	LR19980
UL	E29179

#### Physical

Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	6.431/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
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. Single Row Plug Housings	<u>42818</u>
Mini-Fit Sr. Vertical Single Row Headers	<u>42819</u>
Mini-Fit Sr. Right-Angle Single Row Headers	<u>42820</u>

### Use with Part(s)

Description	Part Number
Mini-Fit Sr. Female Crimp Terminals	<u>42815</u>
Use With	Terminal Position Assurance (TPA) Clip Included