



Part Number : 428160512

Series Number : 42816

Product Category : Connector Housings

Product Description : 10.00mm Pitch Mini-Fit  
Sr. Receptacle Housing, Single Row, 5 Circuit,  
Black

Status : Active

Documents & Resources

Drawings

Drawing 428160512\_sd.pdf

3D Models and Design Files

3D Model 428160512\_stp.zip

Specifications


Packaging Specification PK-42816-002-001.pdf

Product Specification PS-42815-001-001.pdf

Test Summary 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
  
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

Status	Active
Category	Connector Housings
Series	42816
Description	10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 5 Circuit, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mini-Fit Sr. Power Connectors
Product Name	Mini-Fit Sr.
UPC	800754381819

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	5
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	10.120/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
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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