



Part Number : 428180312

Series Number : 42818

Product Category : Connector Housings

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

Status : Active

Documents & Resources

Drawings

Drawing 428180312_sd.pdf

3D Models and Design Files

3D Model 428180312_stp.zip

Specifications

Packaging Specification PK-42818-002-001.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

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

Part Details

General

Status	Active
Category	Connector Housings
Series	42818
Description	10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 3 Circuit, Black
Application	Power, Wire-to-Board
Product Family	Mini-Fit Sr. Power Connectors
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
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
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, 3 Circuit, Black	<u>428160312</u>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.15m Length, 3 Circuits, Black	<u>369240301</u>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.30m Length, 3 Circuits, Black	<u>369240303</u>
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 1.0m Length, 3 Circuits, Black	<u>369240310</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