Part Number : 428180412
Product Description : 10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 4 Circuit, Black
Series Number : 42818
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

428180412_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

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

Part Details

General

Status	Active
Category	Connector Housings
Series	42818
Description	10.00mm Pitch Mini-Fit Sr. Plug Housing, Single Row, Panel Mount, 4 Circuit, Black
Application	Power, Wire-to-Board
Product Name	Mini-Fit Sr.
UPC	800754382106

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes

Material - Resin	Polyester
Net Weight	9.089/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, 4 Circuit, Black	428160412
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.15m Length, 4 Circuits, Black	369240401
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 0.30m Length, 4 Circuits, Black	369240403
Mini-Fit Sr.-to-Mini-Fit Sr. Off-the-Shelf (OTS) Cable Assembly, 10.00mm Pitch, Single Row, 1.0m Length, 4 Circuits, Black	369240410

Use with Part(s)

Description	Part Number
Mini-Fit Sr. Male Crimp Terminals	42817
Use With	Terminal Position Assurance (TPA)

	Clip Included