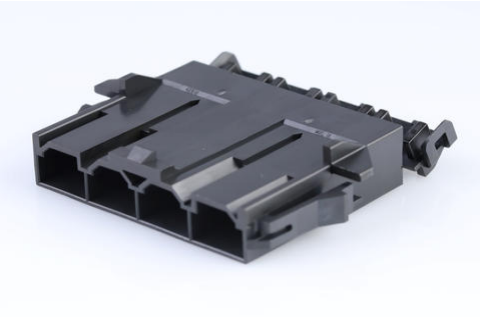
Part Number : 428180412
Product Description : Mini-Fit Sr. Plug Housing, 10.00mm Pitch, Single Row, Panel Mount, 4 Circuit, Black
Series Number : 42818
Status : Active
Product Category : Connector Housings



Documents and 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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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	Mini-Fit Sr. Plug Housing, 10.00mm Pitch, Single Row, Panel Mount, 4 Circuit, Black
Application	Wire-to-Board
Component Type	Housing
Product Name	Mini-Fit Sr.
UPC	800754382106

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	4
Color - Resin	Black
Flammability	94V-0
Gender	Plug

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Glow-Wire Capable	No
Keying to Mating Part	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
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Sr. Receptacle Housing, 10.00mm Pitch, 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)

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

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