Part Number : 428160512
Product Description : Mini-Fit Sr. Receptacle Housing, 10.00mm Pitch, Single Row, 5 Circuit, Black
Series Number : 42816
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

428160512_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PK-42816-002-001.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

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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	42816
Description	Mini-Fit Sr. Receptacle Housing, 10.00mm Pitch, Single Row, 5 Circuit, Black
Application	Wire-to-Board, Wire-to-Wire
Component Type	Housing
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
Keying to Mating Part	No
Lock to Mating Part	Yes

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Material - Resin	Polyester
Net Weight	10.120/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
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
10.00mm Pitch Mini-Fit Sr. Single Row Plug Housings	42818
Mini-Fit Sr. Vertical Single Row Headers	42819
Mini-Fit Sr. Right-Angle Single Row Headers	42820

Use with Part(s)

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

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