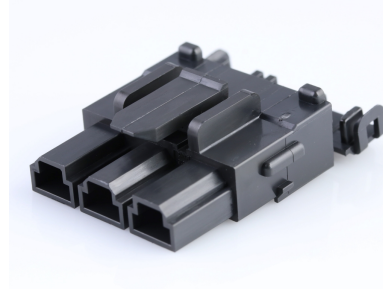# molex

Part Number : 428160312

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

Series Number : 42816

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

428160312_sd.pdf

3D Models and Design Files

428160312_stp.zip

Specifications

PK-42816-002-001.pdf
PS-42815-001-001.pdf
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	42816
Description	10.00mm Pitch Mini-Fit Sr. Receptacle Housing, Single Row, 3 Circuit, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Sr.
UPC	800754381673

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	3
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	6.431/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

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

This document was generated on Oct 06, 2024