Part Number : 2004530106

Product Description : Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-2, Glow-Wire Capable, 6 Circuits

Series Number : 200453

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing_2004530106_sd.pdf

Packaging Design Drawing_2004530000-PK-000.pdf

3D Models and Design Files

3D Model_2004530106_stp.zip

Specifications

Application Specification_AS-172718-0000-001.pdf

Product Specification_PS-172718-0000-001.pdf

Test Summary_1727180001-TS-000.pdf

Test Summary_1727180002-TS-000.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(2023)8585-DC (23 Jan 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	200453
Description	Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-2, Glow-Wire Capable, 6 Circuits
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See product specification for current derating information.
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit TPA2
UPC	889056446150

Agency

UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.690/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No

Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Plug Housings	200471
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Plug Housings	200488
Mini-Fit Jr. Plug Housings	5559
Mini-Fit Jr. Vertical Headers	5566
Mini-Fit Jr. Right-Angle Headers	5569

Use with Part(s)

Description	Part Number
Mini-Fit TPA2/Sigma Female Crimp Terminals	172718
Pre-Crimped Lead Mini-Fit Sigma Female-to-Mini-Fit Sigma Female	219670
Pre-Crimped Lead Mini-Fit Sigma Female-to-Pigtail	219671
Mini-Fit TPA2 and Mini-Fit Sigma Terminal Position Assurance (TPA) Retainers	172709
Mini-Fit TPA2 Connector Position Assurance (CPA) Retainers	203603