Part Number : 2004530006
Product Description : Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 6 Circuits
Series Number : 200453
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

2004530006_sd.pdf

2004530000-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-172718-0000-001.pdf

PS-172718-0000-001.pdf

1727180001-TS-000.pdf

1727180002-TS-000.pdf

1727180003-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
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	200453
Description	Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 6 Circuits
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See product specification for current derating information.
Product Name	Mini-Fit TPA2
UPC	889056445702

Agency

UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle

Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.550/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 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 6 Circuits, White	1727090006
Mini-Fit TPA2/Sigma Female Crimp Terminals	172718
Pre-Crimped Lead Mini-Fit Sigma/ TPA2 Female-to-Mini-Fit Sigma/ TPA2 Female	219670

Pre-Crimped Lead Mini-Fit Sigma/ TPA2 Female-to-Pigtail	219671
Mini-Fit TPA2/Sigma Female Crimp Terminals	202988
Mini-Fit TPA2 Connector Position Assurance (CPA) Retainers	203603
Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminals	221442