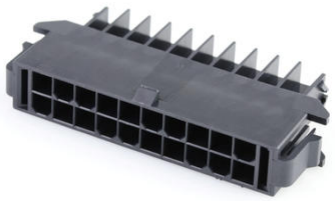
Part Number : 1727670120
Product Description : Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-2 Glow-Wire Capable, 20 Circuits, Panel Mount
Series Number : 172767
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

1727670120_sd.pdf

1727670001-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-172718-0000-001.pdf

2029880001-PS-000.pdf

1727180003-TS-000.pdf

2029880001-TS-000.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)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	172767
Description	Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-2 Glow-Wire Capable, 20 Circuits, Panel Mount
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See product specification for current derating information.
Product Name	Mini-Fit TPA2
UPC	191128363044

Agency

UL	E29179

Physical

Circuits (maximum)	20
Color - Resin	Black
Flammability	94V-0

Gender	Plug
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	6.598/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
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 Dual Row Receptacle Housings	172708
Mini-Fit Jr. Receptacle Housings	5557

Use with Part(s)

Description	Part Number
Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-2, Glow-Wire Capable, 10 Circuits, White	1727090110
Mini-Fit TPA2/Sigma Male Crimp Terminals	172765
Mini-Fit TPA2/Sigma Male Crimp Terminals	203070