Part Number : 15976101
Product Description : Mini-Fit TPA Plug Housing, 4.20mm Pitch, Dual Row with Secondary Terminal Retention, 10 Circuits, Black
Series Number : 30068
Status : Active
Product Category : Connector Housings
Engineering Part Number : 30068-10



Documents and Resources

Drawings

015976101_sd.pdf

PK-30068-002-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-45750-001-001.pdf

PS-5556-003-001.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)6375-DC (05 Nov 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	30068
Description	Mini-Fit TPA Plug Housing, 4.20mm Pitch, Dual Row with Secondary Terminal Retention, 10 Circuits, Black
Application	Power, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-45750-001 for additional current derating information.
Product Name	Mini-Fit TPA
UPC	800754202473

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	10
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	4.171/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No, 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 TPA Dual Row Vertical Headers	30069
Mini-Fit TPA Dual Row Right-Angle Headers	30070

Use with Part(s)

Description	Part Number
Mini-Fit TPA Keys	30072