Part Number : 2002771106
Product Description : Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable
Series Number : 200277
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

Drawing_2002771106_sd.pdf
Packaging Design Drawing_2002771000-PK-000.pdf

3D Models and Design Files

3D Model PDF_2002771106.pdf
3D Model_2002771106_stp.zip

Specifications

Product Specification_2014471000-PS-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)3788-DC (14 Jun 2023)
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	200277
Description	Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	191130030149

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.873/g
Number of Rows	1
Packaging Type	Bag

Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C, -40° to +115°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable	1053071206
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 75.00mm Length, 6 Circuits, Black	1451300600
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 150.00mm Length, 6 Circuits, Black	1451300601
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 300.00mm Length, 6 Circuits, Black	1451300603
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 1.0m Length, 6 Circuits, Black	1451300610

Use with Part(s)

Description	Part Number
Nano-Fit Male Crimp Terminals	201447
Nano-Fit Terminal Position Assurance (TPA) Retainers	105325