Part Number : 2002771103
Product Description : Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 3 Circuits, Black, Glow-Wire Capable
Series Number : 200277
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

2002771103_sd.pdf

2002771000-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-105300-100-001.pdf

2014471000-PS-000.pdf

2014471000-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	Contains 1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	200277
Description	Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 3 Circuits, Black, Glow-Wire Capable
Application	Wire-to-Wire
Component Type	Plug
Product Name	Nano-Fit
UPC	191130030118

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	3
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes

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Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.622/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 +125°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 3 Circuits, Black, Glow-Wire Capable	1053071203
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 75.00mm Length, 3 Circuits, Black	1451300300
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 150.00mm Length, 3 Circuits, Black	1451300301
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 300.00mm Length, 3 Circuits, Black	1451300303
Nano-Fit-to-Nano-Fit Off-the-Shelf (OTS) Cable Assembly, Single Row, Matte Tin (Sn) Plating, 1.0m Length, 3 Circuits, Black	1451300310

Use with Part(s)

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

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