Part Number : 2245561110
Product Description : Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 10 Circuits, Black, Glow-Wire Capable
Series Number : 224556
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

2245561110_sd.pdf

2245561000-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

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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	224556
Description	Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 10 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Name	Nano-Fit BMI
UPC	196823686382

Agency

UL	E29179

Physical

Circuits (maximum)	10
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes

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Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.875/g
Number of Rows	2
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, Dual Row, 10 Circuits, Black, Glow-Wire Capable	1053081210
Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 10 Circuits, Black, Glow-Wire Capable	2192681210

Use with Part(s)

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

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