Part Number : 1053251002
Product Description : Nano-Fit Terminal Position Assurance (TPA) Retainer, 2.50mm Pitch, 2 Circuits, Black
Series Number : 105325
Status : Active
Product Category : Connector Accessories



Documents & Resources

Drawings

1053251002_sd.pdf

PK-105325-100-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-105300-100-001.pdf

PS-105300-100-001.pdf

1053000000-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	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 Accessories
Series	105325
Description	Nano-Fit Terminal Position Assurance (TPA) Retainer, 2.50mm Pitch, 2 Circuits, Black
Comments	Operating temperature is -40° to +105° for tin and -40° to +115° for gold
Component Type	Terminal Position Assurance
Product Name	Nano-Fit
UPC	889056028554

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.080/g
Number of Rows	1

Packaging Type	Bag
Temperature Range - Operating	-40° to +125°C

Mates With / Use With

Use with Part(s)

Description	Part Number
Nano-Fit TPA Capable Single Row Receptacle Housings	105307
Nano-Fit TPA Capable Dual Row Receptacle Housings	105308
Nano-Fit TPA Capable Single Row Plug Housings	200277
Nano-Fit Dual Row TPA Capable Plug Housings	201444
Nano-Fit BMI TPA Capable Plug Housings	224556
Nano-Fit TPA Capable Single Row Receptacle Housings for UL 1569/1007 Wire	226354
Nano-Fit TPA Capable Dual Row Receptacle Housings for UL 1569/1007 Wire	226362