



**Part Number :** [1053251004](#)  
**Product Description :** Nano-Fit Terminal  
Position Assurance (TPA) Retainer, 2.50mm  
Pitch, 4 Circuits, Black  
**Series Number :** 105325  
**Status :** Active  
**Product Category :** Connector Accessories



## Documents & Resources


**Drawings**  
[1053251004\\_sd.pdf](#)  
[PK-105325-100-000.pdf](#)

**3D Models and Design Files**  
[1053251004\\_stp.zip](#)

**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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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### Part Details

#### General

Status	Active
Category	Connector Accessories
Series	105325
Description	Nano-Fit Terminal Position Assurance (TPA) Retainer, 2.50mm Pitch, 4 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	889056028578

#### Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.120/g
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +125°C

#### Use with Part(s)

Description	Part Number
Nano-Fit TPA Capable Single Row Receptacle Housings	<u>105307</u>

Nano-Fit TPA Capable Dual Row Receptacle Housings	<u>105308</u>
Nano-Fit TPA Capable Single Row Plug Housings	<u>200277</u>
Nano-Fit Dual Row TPA Capable Plug Housings	<u>201444</u>
Nano-Fit BMI TPA Capable Plug Housings	<u>224556</u>

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