



**Part Number :** [2245561104](#)

**Product Description :** Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable

**Series Number :** 224556

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[2245561104\\_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](#)

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## 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	Not Contained per D(2024)7663-DC (21 Jan 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 Housings
Series	224556
Description	Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Name	Nano-Fit BMI
UPC	196823686351

### Physical

Circuits (maximum)	4
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.220/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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable	<u>1053081204</u>
Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable	<u>2192681204</u>

### Use with Part(s)

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