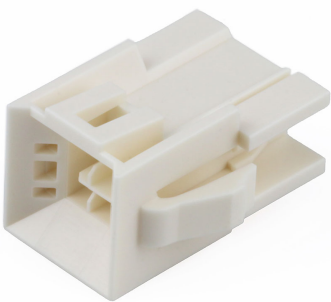




**Part Number :** [2245561412](#)  
**Product Description :** Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Natural, Panel Mount, Glow-Wire Capable  
**Series Number :** 224556  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[2245561412\\_sd.pdf](#)  
[2245561000-PK-000.pdf](#)

**3D Models and Design Files**  
[2245561412\\_stp.zip](#)

**Specifications**  
[AS-105300-100-001.pdf](#)  
[2014471000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
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

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 Housings
Series	224556
Description	Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Natural, Panel Mount, Glow-Wire Capable
Application	Power, Wire-to-Wire
Product Name	Nano-Fit BMI
UPC	196823687396

#### Physical

Circuits (maximum)	12
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.530/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
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, 12 Circuits, Natural, Glow-Wire Capable	<u>1053082212</u>
Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 12 Circuits, Natural, Glow-Wire Capable	<u>2192682212</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>

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