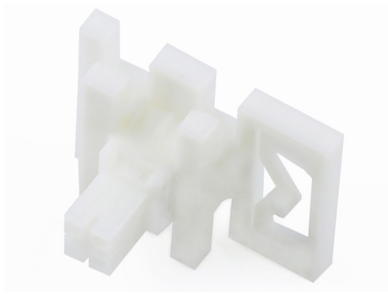




**Part Number :** [2192682204](#)  
**Product Description :** Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 4 Circuits, Natural, Glow-Wire Capable  
**Series Number :** 219268  
**Status :** Active  
**Product Category :** Connector Housings



Documents & Resources

**Drawings**  
[2192682204\\_sd.pdf](#)  
[2192681000-PK-000.pdf](#)

**3D Models and Design Files**  
[2192682204\\_stp.zip](#)

**Specifications**  
[AS-105300-100-001.pdf](#)  
[2192681000-PS-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)6225-DC (07 Nov 2024) |
| 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       | 219268                                                                                                |
| Description  | Nano-Fit BMI Receptacle Housing,<br>2.50mm Pitch, Dual Row, 4 Circuits,<br>Natural, Glow-Wire Capable |
| Application  | Power, Wire-to-Board, Wire-to-Wire                                                                    |
| Comments     | Operating temperature is -40° to<br>+105° for tin and -40° to +115° for<br>gold                       |
| Product Name | Nano-Fit BMI                                                                                          |
| UPC          | 196823503382                                                                                          |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 4          |
| Color - Resin         | Natural    |
| Gender                | Receptacle |
| Glow-Wire Capable     | Yes        |
| Keying to Mating Part | Yes        |
| Lock to Mating Part   | Yes        |
| Material - Resin      | Nylon      |
| Net Weight            | 0.884/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 BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tray                     | <u>2196372104</u> |
| Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray             | <u>2196372204</u> |
| Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray             | <u>2196372304</u> |
| Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Natural, Glow-Wire Capable, Tray | <u>2196372404</u> |
| Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Natural, Glow-Wire Capable                                                    | <u>2245561304</u> |
| Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Natural, Panel Mount, Glow-Wire Capable                                       | <u>2245561404</u> |

### Use with Part(s)

| Description                                                                                            | Part Number      |
|--------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Gold (Au) Plating, 150.00mm Length, 20 AWG, Black | <u>797582129</u> |
| Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black | <u>797582130</u> |

|                                                                                                             |                  |
|-------------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Matte Tin (Sn) Plating, 150.00mm Length, 20 AWG, Black | <u>797582139</u> |
| Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Matte Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black | <u>797582140</u> |
| Nano-Fit Female Crimp Terminals                                                                             | <u>105300</u>    |

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This document was generated on Jan 17, 2025