



Part Number : 2192681204

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

Series Number : 219268

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

Drawing 2192681204\_sd.pdf

Packaging Design Drawing 2192681000-PK-000.pdf

### 3D Models and Design Files

3D Model 2192681204\_stp.zip


### Specifications

Product Specification 2192681000-PS-000.pdf

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## 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(2023)8585-DC (23 Jan 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

## Part Details

### General

Status	Active
Category	Connector Housings
Series	219268
Description	Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Operating temperature is -40° to +105° for tin and -40° to +115° for gold
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit BMI
UPC	196823502163

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	4
Color - Resin	Black
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 +105°C, -40° to +115°C

## 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, Black, Glow-Wire Capable, Tray	<u><a href="#">2196371104</a></u>
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u><a href="#">2196371204</a></u>
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	<u><a href="#">2196371304</a></u>
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 4 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	<u><a href="#">2196371404</a></u>
Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Glow-Wire Capable	<u><a href="#">2245561104</a></u>
Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 4 Circuits, Black, Panel Mount, Glow-Wire Capable	<u><a href="#">2245561204</a></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><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582129.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582129.html</a></u>
Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582130.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582130.html</a></u>

Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Matte Tin (Sn) Plating, 150.00mm Length, 20 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582139.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582139.html</a>
Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Matte Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797582140.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797582140.html</a>
Nano-Fit Female Crimp Terminals	<u>105300</u>

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