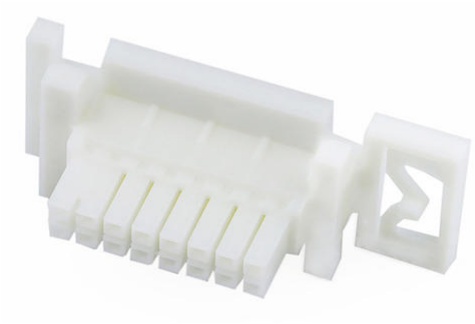
Part Number : 2192682216
Product Description : Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 16 Circuits, Natural, Glow-Wire Capable
Series Number : 219268
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

2192682216_sd.pdf

2192681000-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-105300-100-001.pdf

2192681000-PS-000.pdf

2192681000-TS-000.pdf

2192682000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

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- 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	219268
Description	Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 16 Circuits, Natural, Glow-Wire Capable
Application	Wire-to-Board, Wire-to-Wire
Comments	Operating temperature is -40° to +105° for tin and -40° to +115° for gold
Component Type	Receptacle
Product Name	Nano-Fit BMI
UPC	196823503443

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	16
Color - Resin	Natural
Flammability	94V-0

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Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.703/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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, Tin (Sn) Plating, Natural, Glow-Wire Capable, Tray	2196372116
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.38µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	2196372216
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Natural, Glow-Wire Capable, Tray	2196372316
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Natural, Glow-Wire Capable, Tray	2196372416
Nano-Fit BMI Plug Housing, TPA	2245561316

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Capable, 2.50mm Pitch, Dual Row, 16 Circuits, Natural, Glow-Wire Capable	
Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 16 Circuits, Natural, Panel Mount, Glow-Wire Capable	2245561416

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	797582129
Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	797582130
Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Matte Tin (Sn) Plating, 150.00mm Length, 20 AWG, Black	797582139
Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Matte Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	797582140
Nano-Fit Female Crimp Terminals	105300

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