Part Number : 2192681216

Product Description : Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 16 Circuits, Black, Glow-Wire Capable

Series Number : 219268

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing_2192681216_sd.pdf

Packaging Design Drawing_2192681000-PK-000.pdf

3D Models and Design Files

3D Model_2192681216_stp.zip

Specifications

Product Specification_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(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

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Connector Housings
Series	219268
Description	Nano-Fit BMI Receptacle Housing, 2.50mm Pitch, Dual Row, 16 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	196823503375

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	16
Color - Resin	Black
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 +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, 16 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable, Tray	2196371116
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.38µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	2196371216
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Black, Glow-Wire Capable, Tray	2196371316
Nano-Fit BMI Right-Angle Header, Through Hole, 2.50mm Pitch, Dual Row, 16 Circuits, 0.76µm Gold (Au) Plating, Lubricated, Black, Glow-Wire Capable, Tray	2196371416
Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 16 Circuits,Black, Glow-Wire Capable	2245561116
Nano-Fit BMI Plug Housing, TPA Capable, 2.50mm Pitch, Dual Row, 16 Circuits, Black, Panel Mount, Glow-Wire Capable	2245561216

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	/content/molex/molex-dot-com/us/en/products/product-page.html/797582129.html
Pre-Crimped Lead Nano-Fit Female-to-Nano-Fit Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797582130.html

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