

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2002771106](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 6 Circuits, Black, Glow-Wire Capable

Documents:

3D Model	Packaging Specification 2002771000-PK-000 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2014471000-PS-000 (PDF)	

General

Product Family	Crimp Housings
Series	200277
Application	Power, Wire-to-Wire
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	191130030149

Physical

Circuits (maximum)	6
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.873/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
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

Material Info

Reference - Drawing Numbers

Packaging Specification	2002771000-PK-000
Product Specification	2014471000-PS-000
Sales Drawing	2002771000-SD-000



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[200277 Series](#)

Mates With

Nano-Fit Receptacle Housing [1053071206](#)

Use With

Nano-Fit Crimp Terminal [201447](#)

Nano-Fit TPA Retainer [105325](#)