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Part Number: [2002771205](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 5 Circuits, Black, Panel Mount, 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)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	200277
Application	Power, Wire-to-Wire
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
Taxonomy	Connector Housings
UPC	191130030200

Physical

Circuits (maximum)	5
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.950/g
Number of Rows	1
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

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(2022)4187-DC (10
June 2022)

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 [1053071205](#)
. Nano-Fit Cable Assembly [1451300500](#) ,
[1451300501](#) , [1451300503](#) , [1451300510](#)

Use With

Nano-Fit Crimp Terminal [201447](#)

Nano-Fit TPA Retainer [105325](#)