

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2002771102](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit Power Connectors](#)  
**Description:** Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 2 Circuits, Black, Glow-Wire Capable

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2002771000-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2014471000-PS-000 (PDF)</a>	

**Agency Certification**

CSA LR19980

**General**

Product Family	Crimp Housings
Series	<a href="#">200277</a>
Application	Power, Wire-to-Wire
Overview	<a href="#">Nano-Fit Power Connectors</a>
Product Name	Nano-Fit
UPC	191130030002

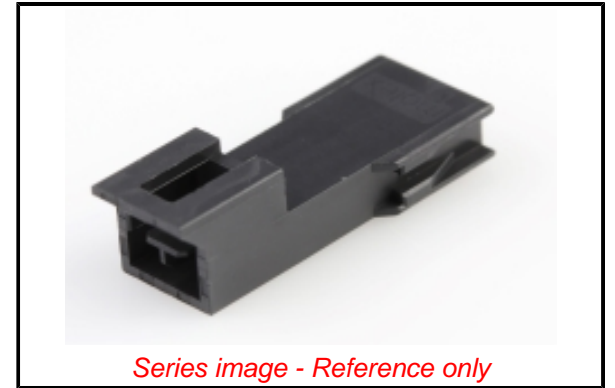
**Physical**

Circuits (maximum)	2
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	0.396/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(2021)4569-DC (8  
July 2021)

**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 [1053071202](#) .  
Nano-Fit Cable Assembly [45130](#) , [245130](#)

**Use With**

Nano-Fit Crimp Terminal [201447](#) <br>  
Nano-Fit TPA Retainer [105325](#)

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