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**Part Number:** [2002771105](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit Power Connectors](#)  
**Description:** Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 5 Circuits, Black, Glow-Wire Capable

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[3D Model \(PDF\)](#)  
[Product Specification 2014471000-PS-000 \(PDF\)](#)  
[Packaging Specification 2002771000-PK-000 \(PDF\)](#)  
[Datasheet \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**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 191130030132

**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 0.754/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



Series image - Reference only

**EU ELV**  
**Not Relevant**  
  
**EU RoHS** **China 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 Green Image  
ELV Not Relevant  
RoHS Phthalates 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](#) <br>  
Nano-Fit TPA Retainer [105325](#)

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