

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

**Part Number:** [2002771206](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit Power Connectors](#)  
**Description:** Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 6 Circuits, Black, Panel Mount, Glow-Wire Capable

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification 2002771000-PK-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">3D Model (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            | 191130030217                              |

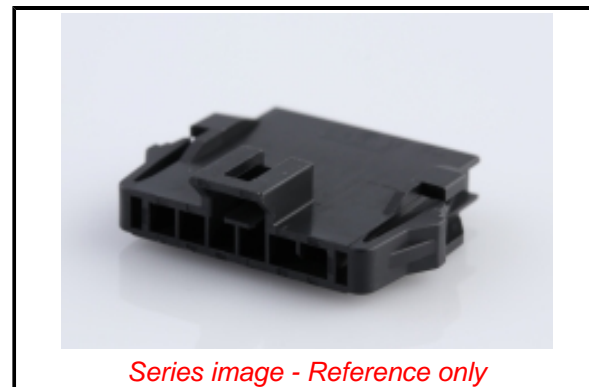
**Physical**

|                               |                                |
|-------------------------------|--------------------------------|
| Circuits (maximum)            | 6                              |
| 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                    | 1.069/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 |



Series image - Reference only

**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 [1053071206](#)  
. Nano-Fit Cable Assembly [1451300600](#) ,  
[1451300601](#) , [1451300603](#) , [1451300610](#)

**Use With**

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

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