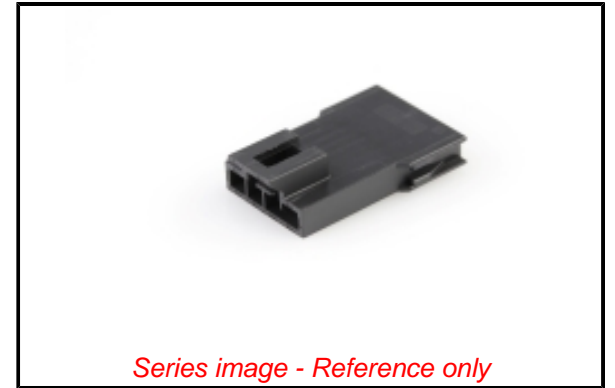


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2002771104](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Plug Housing, TPA Capable, 2.50mm Pitch, Single Row, 4 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 | 191130030125 |

Physical

| | |
|-------------------------------|--------------------------------|
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| Gender | Plug |
| Glow-Wire Capable | Yes |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 0.635/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 [1053071204](#)

Use With

Nano-Fit Crimp Terminal [201447](#)

Nano-Fit TPA Retainer [105325](#)