

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

**Part Number:** [1053252007](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit Power Connectors](#)  
**Description:** Nano-Fit Terminal Position Assurance (TPA) Retainer, 2.50mm Pitch, 7 Circuits, Natural

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                                     | <a href="#">Packaging Specification PK-105325-100-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                    | <a href="#">Test Summary 1053000000-TS-000 (PDF)</a>            |
| <a href="#">3D Model</a>  | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">Product Specification PS-105300-100-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Application Specification AS-105300-100-001 (PDF)</a> |   |

**General**

|                |   |
|----------------|---|
| Product Family | Accessories   |
| Series         | <a href="#">105325</a>  |
| Comments       | Operating temperature is -40#C to +105#C for tin and -40#C to +115#C for gold |
| Component Type | Terminal Position Assurance   |
| Overview       | <a href="#">Nano-Fit Power Connectors</a>                                     |
| Product Name   | Nano-Fit  |
| UPC            | 889056029179  |

**Physical**

|                               |                                |
|-------------------------------|--------------------------------|
| Circuits (Loaded)             | 7                              |
| Circuits (maximum)            | 7                              |
| Color - Resin                 | Natural                        |
| Lock to Mating Part           | Yes                            |
| Material - Resin              | Nylon                          |
| Net Weight                    | 0.180/g                        |
| Number of Rows                | 1                              |
| Packaging Type                | Bag                            |
| Temperature Range - Operating | -40° to +105°C, -40° to +115°C |

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | AS-105300-100-001 |
| Packaging Specification   | PK-105325-100-000 |
| Product Specification     | PS-105300-100-001 |
| Sales Drawing             | SD-105325-100-000 |
| Test Summary              | 1053000000-TS-000 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**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**

[105325 Series](#)

**Use With**

Nano-Fit TPA Receptacle Housing [105307](#)  
, [105308](#) <br> Nano-Fit TPA Plug Housings  
[200277](#) , [201444](#)