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**Part Number:** [1053081206](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit™ Power Connectors](#)  
**Description:** Nano-Fit™ Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 6 Circuits, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-105308-100-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-105300-100-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">105308</a>
Application	Power, Wire-to-Board
Application Tooling Part Link	63824-4600
Comments	Operating temperature is -40#C to +105#C for tin and -40#C to +115#C for gold
Overview	<a href="#">Nano-Fit™ Power Connectors</a>
Product Literature Order No	987651-1223
Product Name	Nano-Fit™
UPC	889056023726

**Physical**

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.610/g
Number of Rows	2
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°C to +105°C, -40°C to +115°C

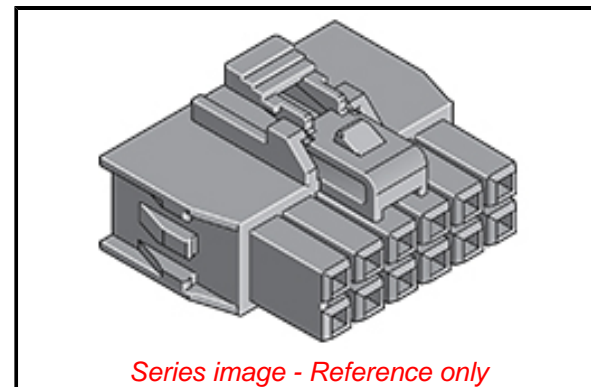
**Electrical**

Current - Maximum per Contact	6.5A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-105308-100-000
Product Specification	PS-105300-100-001
Sales Drawing	SD-105308-100-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**

[105308](#) Series

**Mates With**

Nano-Fit™ Headers [105310](#) , [105312](#) , [105314](#)

**Use With**

Nano-Fit™ Crimp Terminal [105300](#)  
<br>Nano-Fit™ TPA Retainer [105325](#)

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