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:
3D Model	Test Summary 1053000000-TS-000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-105300-100-001 (PDF)	Product Literature (PDF)
Packaging Specification PK-105308-100-000 (PDF)	

Series image - Reference only

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	Crimp Housings
Series	105308
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	Nano-Fit™ Power Connectors
Product Literature Order No	987651-1223
Product Name	Nano-Fit™
UPC	889056023726

Physical
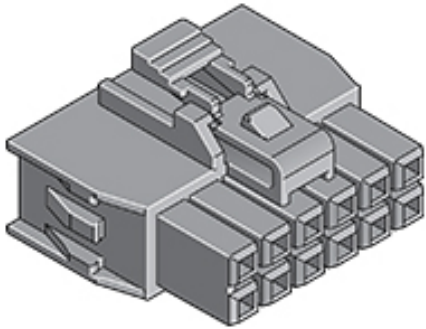|	
Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.610/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	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

Material Info

Reference - Drawing Numbers
Packaging Specification	PK-105308-100-000
Product Specification	PS-105300-100-001
Sales Drawing	SD-105308-100-000
Test Summary	1053000000-TS-000

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per -ED/01/2017 (12 January 2017)
Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
105308 Series

Mates With
Nano-Fit™ Headers 105310 , 105312 , 105314

Use With
Nano-Fit™ Crimp Terminal 105300

Nano-Fit™ TPA Retainer 105325

Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global
Description	**Product #**

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