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Part Number: [1053082212](#)
Status: **Active**
Overview: Nano-Fit™ Power Connectors
Description: Nano-Fit™ Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Natural

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	105308
Application	Power, Wire-to-Board
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	889056023894

Physical

Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.050/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

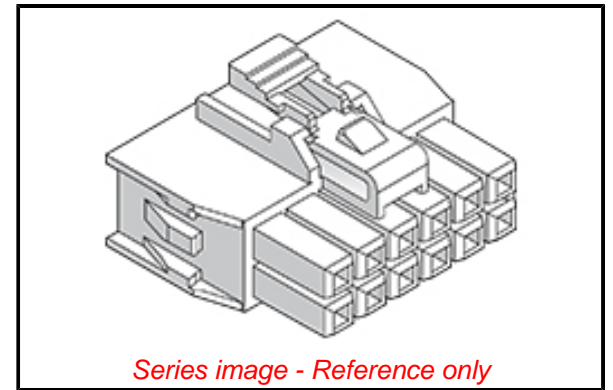
Electrical

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



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
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](#)

Nano-Fit™ TPA Retainer [105325](#)