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Part Number: [1053071208](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 8 Circuits, Black, Glow-Wire Capable

Documents:

3D Model	Test Summary 1053000000-TS-000 (PDF)
Drawing (PDF)	Test Summary 1053001000-TS-000 (PDF)
Product Specification PS-105300-100-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-105307-100-000 (PDF)	Product Literature (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	105307
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, 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	889056026499

Physical

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.850/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

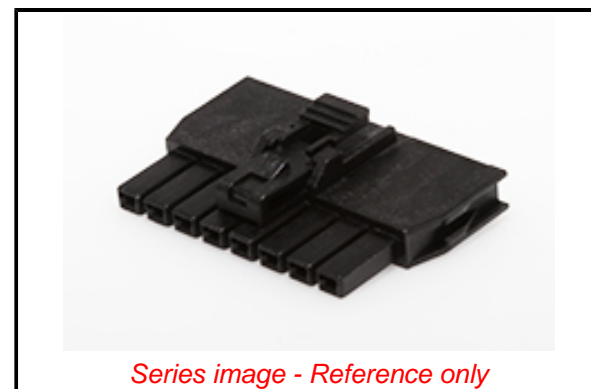
Electrical

Current - Maximum per Contact	6.5A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-105307-100-000
Product Specification	PS-105300-100-001
Sales Drawing	SD-105307-100-000
Test Summary	1053000000-TS-000, 1053001000-TS-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 2019)

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

[105307](#) Series

Mates With

Nano-Fit Headers [105309](#) , [105311](#) , [105313](#)

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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Extraction Tool for Nano-Fit Power Connectors and Crimp Terminals, 20-26 AWG	638244600
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