

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1053071203](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Single Row, 3 Circuits, Black, Glow-Wire Capable

Documents:

3D Model (PDF)	Packaging Specification PK-105307-100-000 (PDF)
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)
Application Specification AS-105300-100-001 (PDF)	Product Literature (PDF)

Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	63824-4600
-------------------------------	------------

General

Product Family	Crimp Housings
Series	105307
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 Name	Nano-Fit
UPC	889056026444

Physical

Circuits (maximum)	3
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	0.400/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
-------------------------------	------

Material Info

Reference - Drawing Numbers

Application Specification	AS-105300-100-001
Packaging Specification	PK-105307-100-000
Product Specification	PS-105300-100-001
Sales Drawing	SD-105307-100-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 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 Vertical Headers [1053091103](#) , [1053091203](#) , [1053091303](#) , [1053111103](#) , [1053111203](#) , [1053111303](#) , [1054311103](#) , [1054311203](#) , [1054311303](#) , [1054311403](#)

Nano-Fit Right-Angle Headers [1053131103](#) , [1053131203](#) , [1053131303](#) , [1054301103](#) , [1054301203](#) , [1054301303](#) , [1054301403](#)
Nano-Fit Plug Housings [2002771103](#) , [2002771203](#)

Use With

Nano-Fit Crimp Terminal [105300](#)
Nano-Fit Pre-Crimped Leads (Gold)
[797582129](#) , [797582130](#)
 Nano-Fit Pre-Crimped Leads (Tin)
[797582139](#) , [797582140](#)
 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 #
--------------------	------------------

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

This document was generated on 03/10/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION