

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1053082206](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 6 Circuits, Natural, Glow-Wire Capable

Documents:

3D Model	Product Specification PS-105300-100-001 (PDF)
3D Model (PDF)	Application Specification AS-105300-100-001 (PDF)
Drawing (PDF)	Packaging Specification PK-105308-100-000 (PDF)
Product Specification 1053001000-PS-CH-000 (PDF)	Test Summary 1053000000-TS-000 (PDF)
Product Specification 1053001000-PS-ES-000 (PDF)	Test Summary 1053001000-TS-000 (PDF)
Product Specification 1053001000-PS-JP-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 1053001000-PS-SK-000 (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	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 Name	Nano-Fit
UPC	889056023863

Physical

Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.610/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° 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-105308-100-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[105308](#) Series

Mates With

Nano-Fit Vertical Through Hole Headers
[1053102106](#) , [1053102206](#) , [1053102306](#) ,
[1053122106](#) , [1053122206](#) , [1053122306](#) .
 Nano-Fit Right-Angle Through Hole Headers
[1053142106](#) , [1053142206](#) , [1053142306](#) .
 Nano-Fit Vertical SMT Headers [1054292106](#)
 , [1054292206](#) , [1054292306](#) , [1054292406](#)
 . Nano-Fit Right-Angle SMT Headers
[1054052106](#) , [1054052206](#) , [1054052306](#)
 . Nano-Fit Plug Housings [2014442106](#) ,
[2014442206](#)

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](#)

Product Specification

Sales Drawing

Test Summary

1053001000-PS-CH-000, 1053001000-PS-ES-000,
1053001000-PS-JP-000, 1053001000-PS-SK-000,
PS-105300-100-001
SD-105308-100-000
1053000000-TS-000, 1053001000-TS-000

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 10/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)