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Part Number: 1053001100
Status: Active
Overview: Nano-Fit Power Connectors
Description: Nano-Fit Crimp Terminal, Female, 2.54µm Matte Tin (Sn) Plating, 24-26 AWG

Series image - Reference only

Documents:

Drawing (PDF)
Product Specification 1053001000-PS-CH-000 (PDF)
Product Specification 1053001000-PS-ES-000 (PDF)
Product Specification 1053001000-PS-JP-000 (PDF)
Product Specification 1053001000-PS-SK-000 (PDF)
Product Specification PS-105300-100-001 (PDF)
Application Specification AS-105300-100-001 (PDF)
Packaging Specification PK-105300-100-000 (PDF)
Test Summary 1053001000-TS-000 (PDF)
Datasheet (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	105300
Application	Power, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	889056003247
Physical	
Durability (mating cycles max)	25
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30mm
Wire Size AWG	24, 26
Wire Size mm²	0.13-0.20
Electrical	
Current - Maximum per Contact	6.0A
Voltage - Maximum	250V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-105300-100-001
Packaging Specification	PK-105300-100-000
Product Specification	1053001000-PS-CH-000, 1053001000-PS-ES-000, 1053001000-PS-JP-000, 1053001000-PS-SK-000, PS-105300-100-001
Sales Drawing	2004570710-000
Test Summary	1053001000-TS-000

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free Status
Not Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
105300 Series

Use With
Nano-Fit Receptacle Housing 105307 , 105308

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	638244600
Hand Crimp Tool for Nano-Fit Receptacle Terminals, 24 AWG and 26 AWG,	638276000

UL1061 and UL1007 Insulations	
FineAdjust Applicator for Insulation OD 0.90-1.15mm - UL1061	639032500
FineAdjust Applicator for Insulation OD 1.20–1.45mm - UL1007	639034800

Japan

Description	Product #
S-1 Applicator for Nano-Fit Terminals, 24-26 AWG, UL1061 Wires	2047483710
S-1 Applicator for Nano-Fit Terminals, 24-26 AWG, UL1007 Wires	2047483720

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