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Part Number:

1053002300

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 20-22 AWG



Series image - Reference only

Documents:	
Drawing (PDF)	Application Specification AS-105300-100-001 (PDF)
Product Specification 1053001000-PS-CH-000 (PDF)	Packaging Specification PK-105300-100-000 (PDF)
Product Specification 1053001000-PS-ES-000 (PDF)	Test Summary 1053000000-TS-000 (PDF)
Product Specification 1053001000-PS-JP-000 (PDF)	Datasheet (PDF)
Product Specification 1053001000-PS-SK-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-105300-100-001 (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	889056003308
Physical	
Durability (mating cycles max)	50
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.60mm
Wire Size AWG	20, 22
Wire Size mm²	0.30-0.50
Electrical	
Current - Maximum per Contact	8.0A
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	SD-105300-100-000
Test Summary	1053000000-TS-000

EU ELV	
Not Relevant	
EU RoHS	China 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	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, 20-22 AWG UL1061 wire	638275600

and 22 AWG UL1007
wire
FineAdjust Applicator639032400
for Nano-Fit
Terminals, for
20-22 AWG
UL1061 Wire with
Insulation Diameter
1.05-1.60mm

Japan	
Description	Product #
S-1 Applicator for Nano-Fit Terminals, 20-22 AWG, UL1061 Wires	<u>2047483700</u>

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