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Part Number: [1053081212](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Receptacle Housing, TPA Capable, 2.50mm Pitch, Dual Row, 12 Circuits, Black, Glow-Wire Capable

Documents:

| | |
|---|--|
| Drawing (PDF) | Test Summary 1053000000-TS-000 (PDF) |
| 3D Model | Test Summary 1053001000-TS-000 (PDF) |
| Product Specification PS-105300-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Packaging Specification PK-105308-100-000 (PDF) | Product Literature (PDF) |



Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

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, 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 | 889056023757 |

Physical

| | |
|-------------------------------|--------------------------------|
| Circuits (maximum) | 12 |
| 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 | 1.050/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

| | |
|-------------------------|--------------------------------------|
| Packaging Specification | PK-105308-100-000 |
| Product Specification | PS-105300-100-001 |
| Sales Drawing | SD-105308-100-000 |
| Test Summary | 1053000000-TS-000, 1053001000-TS-000 |

EU ELV

Compliant

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

Compliant

Not Contained

Search Parts in this Series

[105308](#) Series

Mates With

Nano-Fit Headers [105310](#) , [105312](#) , [105314](#)

Use With

Nano-Fit Crimp Terminal [105300](#)
 Nano-Fit TPA Retainer [105325](#)

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