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Part Number: **0039000040**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Male Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass Contact, 18-24, 22+22 AWG, Reel

Documents:

| | |
|--|---|
| Drawing (PDF) | Product Specification PS-5556-002-001 (PDF) |
| Drawing (PDF) | Application Specification 55560001-AS-000 (PDF) |
| Product Specification 55560002-PS-CH-000 (PDF) | Packaging Specification 55580001-PK-000 (PDF) |
| Product Specification 55560002-PS-ES-000 (PDF) | Test Summary 55560000-TS-000 (PDF) |
| Product Specification 55560002-PS-SK-000 (PDF) | Test Summary 55560010-TS-000 (PDF) |
| Product Specification 55560008-TS-000 (PDF) | Test Summary TS-5556-002-001 (PDF) |
| Product Specification PS-5556-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|-------------------------|----------------------------------|
| Product Family | Crimp Terminals |
| Series | 5558 |
| Application | Power, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Family Power Connectors |
| Packaging Alternative | 39000041 (Loose) |
| Product Name | Mini-Fit |
| UPC | 800753643239 |

Physical

| | |
|--------------------------------|-----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Male |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.123/g |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.889µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.30-3.10mm |
| Wire Size AWG | 18, 20, 22, 22+22, 24 |
| Wire Size mm ² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
| Voltage - Maximum | 600V |

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

| | |
|--------------------|-------|
| Engineering Number | 5558T |
|--------------------|-------|

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 55560001-AS-000 |
| Packaging Specification | 55580001-PK-000 |
| Product Specification | 55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-5556-001-001, PS-5556-002-001 |
| Sales Drawing | SD-5558XXXX-001, SD-5558XXXX-002 |



Series image - Reference only

EU ELV

Compliant

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

Compliant

Not Contained

Search Parts in this Series

5558 Series

Use With

Mini-Fit Jr. Plug Housing [5559](#)
Mini-Fit
BMI Plug Housing [42475](#)

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 | 11030044 |
| Mini-Fit Jr. Terminals | |
| FineAdjust Applicator | 2037026300 |
| for Mini-Fit Double | |
| Crimp Applications | |
| Using Two 22 AWG | |
| Wires | |
| PremiumGrade Hand | 638190901 |
| Crimp Tool for Mini- | |
| Fit Jr. Male and | |

and Receptacle
Terminals, 18-24
AWG, UL1015 Wires
Hand Extraction Tool [570316000](#)

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