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Part Number: [0039000048](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Plated Brass Contact, 22-28 AWG, Reel

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-5556-002 \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-5558-001 \(PDF\)](#)

General

Product Family Crimp Terminals
 Series [5558](#)
 Application Power
 Crimp Quality Equipment Yes
 Overview [Mini-Fit Jr.™ Power Connectors](#)
 Packaging Alternative [39-00-0049 \(Loose\)](#)
 Product Name Mini-Fit®
 UPC 800753584617

Physical

Durability (mating cycles max) 30
 Gender Male
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.154/g
 Packaging Type Reel
 Plating min - Mating 0.889µm
 Plating min - Termination 0.889µm
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 0.90-1.80mm
 Wire Size AWG 22, 24, 26, 28
 Wire Size mm² N/A

Electrical

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

Solder Process Data

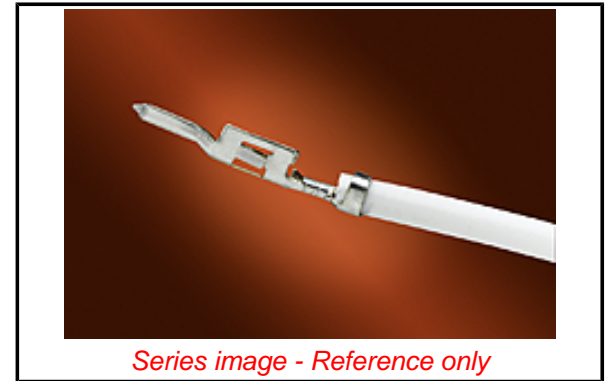
Lead-freeProcess Capability N/A

Material Info

Old Part Number 5558T2

Reference - Drawing Numbers

Packaging Specification [PK-5558-001](#)
 Product Specification [PS-5556-002](#), [RPS-30067-002](#)
 Sales Drawing [SD-5558****](#)
 Test Summary [TS-5556-002](#)



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

Search Parts in this Series

[5558 Series](#)

Mates With

[5556 Mini-Fit® Crimp Terminal](#)

Use With

[5559 Mini-Fit Jr.™ Plug Housing](#), [30068 Mini-Fit® TPA Plug Housing](#), [42475 Mini-Fit® BMI Plug Housing](#)

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

[0011030044](#)

Hand Crimp Tool for 0638191000
 Crimp Terminals
 FineAdjust™ 0639002700
 Applicator for
 Insulation OD
 1.30-1.50mm, 22-28
 AWG Wire
 FineAdjust™ 0639020200
 Applicator for
 Insulation OD
 1.10-1.30mm - 22-28
 AWG
 FineAdjust™ 0639023800
 Applicator for
 Insulation OD
 0.95-1.08mm - 22-28
 AWG
 T2 Terminator™ 0639102700
 for insulation OD
 1.30-1.50mm - 22-28
 AWG
 T2 Terminator™ 0639120200
 for insulation OD
 1.10-1.30mm - 22-28
 AWG
 T2 Terminator™ 0639123800
 for insulation OD
 0.95-1.08mm - 22-28
 AWG

Japan

Description	Product #
Hand Extraction Tool	<u>0570316000</u>
Applicator for M21 1A Bench Press, 22-28 AWG Wire	<u>0570383000</u>

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