

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



General

Product Family	Crimp Terminals
Series	<u>5558</u>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr. Power Connectors</u>
Packaging Alternative	<u>39000049 (Loose)</u>
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 mm ²	N/A

Electrical

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

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Engineering Number	5558T2
--------------------	--------

Reference - Drawing Numbers

Application Specification	55560001-AS-000
Crimp Specification	CS-5556X2_5558X2
Packaging Specification	55580001-PK-000
Product Specification	55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558XXXX-001, SD-5558XXXX-002
Test Summary	55560000-TS-000, 55560010-TS-000, TS-5556-002-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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	<u>11030044</u>
Hand Crimp Tool for Crimp Terminals	<u>638191000</u>
FineAdjust Applicator for Insulation OD	<u>639002700</u>
1.30-1.50mm, 22-28 AWG Wire	
FineAdjust Applicator for Insulation OD	<u>639020200</u>

1.10-1.30mm - 22-28

AWG

FineAdjust Applicator 639023800

for Insulation OD

0.95-1.08mm - 22-28

AWG

T2 Terminator 639102700

for Insulation OD

1.30-1.50mm, 22-28

AWG

T2 Terminator 639120200

for insulation OD

1.10-1.30mm - 22-28

AWG

T2 Terminator 639123800

for insulation OD

0.95-1.08mm - 22-28

AWG

Japan

Description

Product #

S-1 Applicator 570223720

for Mini-Fit Plug

and Receptacle

Terminals, 22-28

AWG

Hand Extraction Tool 570316000

Applicator for M21 1A 570383000

Bench Press, 22-28

AWG Wire

This document was generated on 07/27/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION