

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000047](#)
Status: **Active**
Overview:
Description: Mini-Fit Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Bag

General

Product Family Crimp Terminals
 Series [5556](#)
 Application Power, Wire-to-Board, Wire-to-Wire
 Crimp Quality Equipment Yes
 Overview [minifit_power_connector_solutions](#)
 Packaging Alternative [39000046](#) (Reel)
 Product Name Mini-Fit
 UPC 800753727212

Physical

Durability (mating cycles max) 30
 Gender Female
 Material - Metal Brass
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Net Weight 0.123/g
 Packaging Type Bag
 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

Engineering Number 5556T2L

Reference - Drawing Numbers

Application Specification 55560001-AS-000
 Packaging Specification PK-5556-003-001
 Product Specification 55560002-PS-CH-000, 55560002-PS-ES-000,
 55560002-PS-SK-000, PS-5556-001-001,
 PS-5556-002-001
 Sales Drawing 55560000-SD-000
 Test Summary 55560000-TS-000, 55560010-TS-000,
 TS-5556-002-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)9139-DC (19
 Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[5556](#) Series

Use With

Mini-Fit Jr. Receptacle Housing [5557](#)

Mini-Fit BMI Slide and Lock Panel
 Mount [44516](#)
Mini-Fit BMI Panel Mount
 Receptacle Housing
 [42474](#) , [43760](#)

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
 PremiumGrade Hand[638191000](#)
 Crimp Tool for Mini-
 Fit Jr. Male and
 Female Terminals,
 22-28 AWG

Japan

Description

Product #

Hand Extraction Tool [570316000](#)
 Handtool - Straight [570385300](#)
 Action
 Hand Crimp Tool [570645000](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[39-00-0047](#)