

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000073

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel

Documents:

- Drawing (PDF)

Product Specification 55560002-PS-CH-000 (PDF)

Product Specification 55560002-PS-ES-000 (PDF)

Product Specification 55560002-PS-SK-000 (PDF)

Product Specification 55560008-TS-000 (PDF)

Product Specification PS-5556-001-001 (PDF)
- Product Specification PS-5556-002-001 (PDF)

Application Specification 55560001-AS-000 (PDF)

Packaging Specification 55560001-PK-000 (PDF)

Test Summary 55560010-TS-000 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

Taxonomy

UPC

Crimp Terminals

5556

Power, Wire-to-Board, Wire-to-Wire

Yes

Mini-Fit Family Power Connectors

39000074 (Loose)

Mini-Fit

Crimp Terminals

800753825178

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

30

Female

Brass

Gold

Tin

0.130/g

Reel

0.381µm

2.540µm

Crimp or Compression

1.30-3.10mm

18, 20, 22, 24

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Engineering Number

5556GS4

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

55560001-AS-000

55560001-PK-000

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

Test Summary

SD-5556-006-001

55560010-TS-000, TS-5556-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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
FineAdjust Applicator[2037026300](#)
for Mini-Fit Double
Crimp Applications
Using Two 22 AWG
Wires

PremiumGrade Hand638190901
Crimp Tool for Mini-
Fit Jr. Male and
Female Terminals,
18-24 AWG
FineAdjust 639015600
Applicator for 18-20
AWG and 18-24
AWG Wires with
Insulation Diameter
1.90-2.30mm
FineAdjust Applicator639023900
for Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust Applicator639024800
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
FineAdjust Applicator639024900
for Insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust Applicator639047800
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator639048000
for Insulation OD
1.65-2.05mm, 18-24
AWG
T2 Terminator 639115600
for insulation OD
1.90-2.30mm - 18-24
AWG
T2 Terminator 639123900
for insulation OD
1.40-1.70mm - 18-24
AWG
T2 Terminator 639124800
for insulation OD
2.50-2.95mm
optimized for 18
AWG only
T2 Terminator 639124900
for insulation OD
2.30-2.60mm - 18-24
AWG
T2 Terminator 639147800
for Mini-Fit Crimp
Terminals, 18-24
AWG with Large
Insulation ODs
T2 Terminator 639148000
for Mini-Fit Crimp
Terminals, 18-24
AWG with Smaller
Insulation ODs