

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000434

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 22-28 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-51010-007-001 (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

UPC

Crimp Terminals

5556

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

Yes

Mini-Fit Family Power Connectors

39000435 (Loose)

Mini-Fit

822348355396

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

0.120/g

Reel

0.762µm

2.540µm

Crimp or Compression

0.90-1.80mm

22, 24, 26, 28

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Material Info

Engineering Number

5556GS27F

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-51010-007-001, PS-5556-001-001, PS-5556-002-001

SD-5556-006-001

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

Sales Drawing

Test Summary



Series image - Reference only

EU ELV

Not Relevant

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

China ROHS

ELV

RoHS Phthalates

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

FineAdjust Applicator639002700
for Insulation OD
1.30-1.50mm, 22-28
AWG Wire
FineAdjust Applicator639020200
for Insulation OD
1.10-1.30mm - 22-28
AWG
FineAdjust Applicator639023800
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

Mouser Electronics

Authorized Distributor

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

Molex:

[39-00-0434](#) [39-00-0434 \(Cut Strip\)](#) [39-00-0434 \(Mouser Reel\)](#)