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Part Number:

0039000089

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Gold (Au) over Brass, 16 AWG, Reel

- Documents:
- Drawing (PDF)

Product Specification PS-5556-001 (PDF)

Product Specification PS-5556-002 (PDF)

Product Specification PS-58691-004 (PDF)

Application Specification AS-58696-004 (PDF)

Packaging Specification PK-5556-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

5556

Power

Yes

Mini-Fit Jr.™ Power Connectors

39-00-0090 (Loose)

Mini-Fit®

800754394895

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

130.000/mg

Reel

0.762µm

0.762µm

Crimp or Compression

1.80-3.10mm

16

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Old Part Number

5556GS3

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

AS-58696-004

PK-5556-001

PS-5556-001, PS-5556-002, PS-58691-004, RPS-51200-003, RPS-58691-003, RPS-58719-004

SD-5556-006



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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](mailto: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

5556 Series

Mates With

5558 Mini-Fit® Crimp Male Terminals. Mini-Fit Jr.™ Header, Dual Row, 5566 , 5569

Use With

5557 Mini-Fit Jr.™ Receptacle Housing, 30067 Mini-Fit® TPA, 42474 Mini-Fit® BMI Panel Mount, 5559 Mini-Fit Jr.™ Plug Housing, Dual Row

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 #

| Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire                                                         | 0638190900 |
|-----------------------------------------------------------------------------------------------------------------------------|------------|
| Extraction Tool                                                                                                             | 0011030044 |
| FineAdjust™                                                                                                                 | 0639039400 |
| Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only                                                         |            |
| FineAdjust™                                                                                                                 | 0639041400 |
| Applicator for Mini-Fit Jr.™, Mini-Fit HCS™, and Mini-Fit Plus HCS™ Crimp Terminals, 16 AWG with Large Insulation Diameters |            |
| T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only                                                      | 0639102800 |
| T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only                                                      | 0639103000 |
| FineAdjust™                                                                                                                 | 0639015300 |
| Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only                                                          |            |
| Japan                                                                                                                       |            |
| Description                                                                                                                 | Product #  |
| Side-Feed Applicator For Full-Auto Machine                                                                                  | 0570223200 |
| Applicator for M211A Bench Press, 18-24 AWG Wire                                                                            | 0570223000 |