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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)

Test Summary TS-5556-002 (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

AS-58696-004

PK-5556-001

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

Sales Drawing

Test Summary

SD-5556-006

TS-5556-002

Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2015

June 15): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

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 #

	FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only	<u>0639002800</u>
	Extraction Tool	<u>0011030044</u>
	Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
	FineAdjust™ Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only	<u>0639039400</u>
	FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	<u>0639015300</u>
	T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	<u>0639103000</u>
	T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	<u>0639102800</u>
	Japan	
	Description	Product #
	Side-Feed Applicator For Full-Auto Machine	<u>0570223200</u>
	Applicator for M211A Bench Press, 18-24 AWG Wire	<u>0570223000</u>

This document was generated on 09/10/2015

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