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Part Number:

0039000095

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Male Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 16 AWG, Reel

Documents:

Drawing (PDF)

Product Specification PS-5556-002 (PDF)

Product Specification PS-58691-004 (PDF)

Application Specification AS-58696-004 (PDF)

Packaging Specification PK-5558-001 (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

5558

Power

Yes

Mini-Fit Jr.™ Power Connectors

39-00-0096 (Loose)

Mini-Fit®

800754394994

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

Male

Brass

Gold

Tin

125.900/mg

Reel

0.762µm

2.032µm

Crimp or Compression

1.80-3.10mm

16

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Material Info

Old Part Number

5558GS3

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

AS-58696-004

PK-5558-001

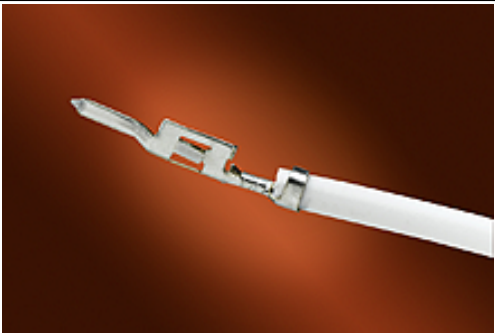
PS-5556-002, PS-58691-004, RPS-51200-003, RPS-58691-003, RPS-58719-004

Sales Drawing

Test Summary

SD-5558-002

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](mailto: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

5558 Series

Mates With

5556 Mini-Fit® Crimp Terminal

Use With

5559 Mini-Fit Jr.™ Plug Housing

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™

0639002800

Applicator for

Insulation OD

2.60-3.15mm

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