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Part Number:

0039000039

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Bag

Documents:

- Drawing (PDF)

Product Specification PS-51010-005 (PDF)

Product Specification PS-51010-006 (PDF)

Product Specification PS-51096-001 (PDF)

Product Specification PS-52034-003 (PDF)

Product Specification PS-52034-004 (PDF)
- Product Specification PS-5556-001 (PDF)

Product Specification PS-5556-002 (PDF)

Test Summary TS-5556-002 (PDF)

Test Summary TS-5556-005 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

MolexKits

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

5556

Power

Yes

Yes

Mini-Fit Jr.™ Power Connectors

39-00-0038 (Reel)

Mini-Fit®

800753585027

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

Tin

Tin

0.130/g

Bag

0.889µm

0.889µm

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

Old Part Number

5556TL

Reference - Drawing Numbers

Product Specification

Sales Drawing

Test Summary

PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-5557-024, RPS-5557-031, RPS-5557-050 SD-5556**** TS-5556-002, TS-5556-005



Series image - Reference only

EU ELV

Not Relevant

EU 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
ELV

China RoHS

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 0638190900
Male and Female
Crimp Terminals,
16-24 AWG Wire
Extraction Tool 0011030044

Japan	
Description	Product #
Handtool (Straight Action)	<u>0570225500</u>
Hand Extraction Tool	<u>0570316000</u>
Hand Crimp Tool	<u>0570265000</u>

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