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Part Number:

0039000428

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Selective Gold (Au) and Selective Tin (Sn) over Nickel (Ni), 18-24 AWG, Reel

Documents:

- Drawing (PDF)

Product Specification PS-5556-001 (PDF)
- Product Specification PS-51010-007 (PDF)

Product Specification PS-5556-002 (PDF)
- Product Specification PS-52034-005 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Crimp Terminals

Series

5556

Application

Power

Crimp Quality Equipment

Yes

Overview

Mini-Fit Jr.™ Power Connectors

Packaging Alternative

39-00-0429 (Loose)

Product Name

Mini-Fit®

UPC

822348149391

Physical

Durability (mating cycles max)

30

Gender

Female

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Net Weight

130.000/mg

Packaging Type

Reel

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Termination Interface: Style

Crimp or Compression

Wire Insulation Diameter

1.30-3.10mm

Wire Size AWG

18, 20, 22, 24

Wire Size mm²

N/A

Electrical

Current - Maximum per Contact

9.0A

Voltage - Maximum

600V

Material Info

Old Part Number

5556GS7F

Reference - Drawing Numbers

Product Specification

PS-51010-007, PS-52034-005, PS-5556-001,
PS-5556-002, RPS-501609-001, RPS-501609-002
SD-5556-006

Sales Drawing



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
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

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

FineAdjust™
Applicator for
Insulation OD

Product #

0639002900

1.65-2.05mm, 18-24 AWG Wire Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire Extraction Tool	<u>0638190900</u> <u>0011030044</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	 <u>0639002600</u> <u>0639015600</u> <u>0639023900</u> <u>0639024900</u> <u>0639102600</u> <u>0639102900</u> <u>0639124800</u> <u>0639124900</u> <u>0639024800</u> <u>0639115600</u> <u>0639123900</u>