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Part Number:

0039000181

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Reel

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Product Specification PS-5556-002 \(PDF\)](#)
- [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

39-00-0182 (Loose)

Mini-Fit®

800755527933

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

Phosphor Bronze

Gold

Tin

0.130/g

Reel

0.762µm

0.762µm

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

5556-PBGSP

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

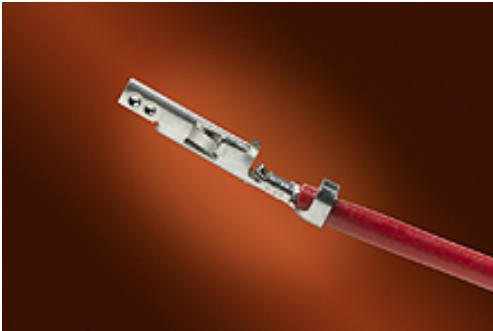
Test Summary

PK-5556-001

PS-5556-001, PS-5556-002

SD-5556-006

TS-5556-002



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

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, 44516 Mini-Fit® BMI Slide and Lock Panel Mount

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

Extraction Tool

Product #

0011030044

	Hand Crimp Tool for 0638190900 Male and Female Crimp Terminals, 16-24 AWG Wire FineAdjust™ 0639024900 Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG FineAdjust™ 0639002600 Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire FineAdjust™ 0639015600 Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG FineAdjust™ 0639002900 Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire FineAdjust™ 0639023900 Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG T2 Terminator™ 0639123900 for insulation OD 1.40-1.70mm - 18-24 AWG T2 Terminator™ 0639124900 for insulation OD 2.30-2.60mm - 18-24 AWG T2 Terminator™ for 0639102900 insulation OD 1.65 – 2.05mm – 18 – 24 AWG FineAdjust™ 0639024800 Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only T2 Terminator™ 0639102600 for insulation OD 2.50-2.95mm - 18-24 AWG T2 Terminator™ 0639115600 for insulation OD 1.90-2.30mm - 18-24 AWG T2 Terminator™ 0639124800 for insulation OD 2.50-2.95mm optimized for 18 AWG only Japan Description Applicator for M211A 0570223000 Bench Press, 18-24 AWG Wire	Product #
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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[39-00-0181](#) [39-00-0181 \(Mouser Reel\)](#) [39-00-0181 \(Cut Strip\)](#)