

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039000185

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 16 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

39-00-0186 (Loose)

Mini-Fit®

800754395939

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

1.80-3.10mm

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

5556-PBGS3P

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

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, 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

Product #

Extraction Tool

0011030044

Hand Crimp Tool for [0638190900](#)
Male and Female
Crimp Terminals,
16-24 AWG Wire
FineAdjust™ [0639039400](#)
Applicator for
Insulation OD
2.20-2.45mm,
Optimized for 16
AWG Only
FineAdjust™ [0639015300](#)
Applicator for
Insulation OD
1.80-2.20mm
Optimized for 16
AWG Only
FineAdjust™ [0639002800](#)
Applicator for
Insulation OD
2.60-3.15mm
Optimized for 16
AWG Only
T2 Terminator™ [0639103000](#)
for insulation OD
2.20-2.45mm
optimized for 16
AWG only
T2 Terminator™ [0639102800](#)
for insulation OD
2.60-3.15mm
optimized for 16
AWG only

Japan	
Description	Product #
Applicator for M211A Bench Press, 18-24 AWG Wire	0570223000
Side-Feed Applicator For Full-Auto Machine	0570223200