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Part Number:

0039000217

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 16 AWG, Reel

Documents:

Drawing (PDF)

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

Product Specification PS-5556-002-001 (PDF)

Packaging Specification PK-5556-001 (PDF)

Test Summary TS-5556-002-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

5556

Power, Wire-to-Board, Wire-to-Wire

Yes

Mini-Fit Jr. Power Connectors

39000218 (Loose)

Mini-Fit

800755527940

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

Tin

Tin

0.133/g

Reel

2.540µm

1.270µm

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

Engineering Number

5556-PBS3P

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-5556-001

PS-5556-001-001, PS-5556-002-001

SD-5556-SPX

TS-5556-002-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

Not Contained

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

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	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200

FineAdjust Applicator639039400
for Insulation OD
2.20-2.45mm,
Optimized for 16
AWG Only
FineAdjust Applicator639041400
for Mini-Fit Jr., Mini-
Fit HCS, and Mini-
Fit Plus HCS Crimp
Terminals, 16 AWG
with Large Insulation
Diameters
FineAdjust 639041500
Applicator for Mini-
Fit Crimp Terminals,
1.80-2.20mm
Insulation Diameter
Wire, 16 AWG,
1.31mm²

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Mouser Electronics

Authorized Distributor

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Molex:

[39-00-0217](#) [39-00-0217 \(Cut Strip\)](#) [39-00-0217 \(Mouser Reel\)](#)