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Part Number:

0039000145

Status:

Active

Overview:

Mini-Fit Jr. Power Connectors

Description:

Mini-Fit Male Crimp Terminal, Brass, Gold (Au) Contact Plating, Lead-free, 22-28 AWG, Reel

Documents:

Drawing (PDF)

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

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

Packaging Specification 55580001-PK-000 (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

5558

Power, Wire-to-Wire

Yes

Mini-Fit Jr. Power Connectors

39000146 (Loose)

Mini-Fit

800753827172

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

Male

Brass

Gold

Tin

462.746/mg

Reel

1.270µm

2.540µm

Crimp or Compression

0.90-1.80mm

22, 24, 26, 28

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

9.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Engineering Number

5558GS8

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

55580001-PK-000

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

SD-5558-002-001

TS-5556-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

5558 Series

Mates With

5556 Mini-Fit Crimp Terminal

Use With

5559 Mini-Fit Jr. Plug 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	Product #
Hand Crimp Tool for Crimp Terminals	638191000
FineAdjust Applicator for Insulation OD 1.30-1.50mm, 22-28 AWG Wire	639002700
FineAdjust Applicator for Insulation OD	639020200

1.10-1.30mm - 22-28
AWG
FineAdjust Applicator639023800
for Insulation OD
0.95-1.08mm - 22-28
AWG
T2 Terminator 639102700
for Insulation OD
1.30-1.50mm, 22-28
AWG
T2 Terminator 639120200
for insulation OD
1.10-1.30mm - 22-28
AWG
T2 Terminator 639123800
for insulation OD
0.95-1.08mm - 22-28
AWG

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Mouser Electronics

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Molex:

[39-00-0145](#) [39-00-0145 \(Cut Strip\)](#) [39-00-0145 \(Mouser Reel\)](#)