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Part Number:

0039000059

Status:

Active

Overview:

Mini-Fit Jr.™ Power Connectors

Description:

Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Reel

- Documents:
- Drawing (PDF)

Product Specification PS-51010-003 (PDF)

Product Specification PS-51010-004 (PDF)

Product Specification PS-51045-003 (PDF)

Product Specification PS-52252-001 (PDF)

Product Specification PS-54849-004 (PDF)

Product Specification PS-5556-001 (PDF)

Product Specification PS-5556-002 (PDF)

Packaging Specification PK-5556-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

5556

Power

Yes

Mini-Fit Jr.™ Power Connectors

39-00-0060 (Loose)

Mini-Fit®

800753584662

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

0.127/g

Reel

0.889µm

0.914µm

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

Engineering Number

5556PBT

Reference - Drawing Numbers

Packaging Specification

Product Specification

PK-5556-001

PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54849-004, PS-5556-001, PS-5556-002, RPS-501566-001, RPS-51010-013, RPS-51045-002, RPS-54269-004, RPS-5557-001, RPS-5557-004, RPS-5557-027, RPS-5557-034, RPS-5557-035, RPS-5557-044, RPS-5557-045, RPS-5557-048, RPS-5557-049, RPS-5557-054

SD-5556****

Sales Drawing



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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

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, 5559 Mini-Fit Jr.™ Plug Housing, Dual Row

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 #

FineAdjust™	0639002900
Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	
Hand Crimp Tool for	0638190900
Male and Female Crimp Terminals, 16-24 AWG Wire	
Extraction Tool	0011030044
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™	0639023900
Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	
FineAdjust™	0639024900
Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	
T2 Terminator™	0639102600
for insulation OD 2.50-2.95mm - 18-24 AWG	
T2 Terminator™ for	0639102900
insulation OD 1.65 – 2.05mm – 18 – 24 AWG	
T2 Terminator™	0639124800
for insulation OD 2.50-2.95mm optimized for 18 AWG only	
T2 Terminator™	0639124900
for insulation OD 2.30-2.60mm - 18-24 AWG	
FineAdjust™	0639024800
Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	
T2 Terminator™	0639115600
for insulation OD 1.90-2.30mm - 18-24 AWG	
T2 Terminator™	0639123900
for insulation OD 1.40-1.70mm - 18-24 AWG	
Japan	
Description	Product #

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

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