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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)

Test Summary TS-5556-002 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0060 (Loose)
Product Name	Mini-Fit®
UPC	800753584662
Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.127/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

Electrical	
Current - Maximum per Contact	9.0A
Voltage - Maximum	600V

Solder Process Data	
Lead-freeProcess Capability	N/A

Material Info	
Old Part Number	5556PBT

Reference - Drawing Numbers	
Packaging Specification	PK-5556-001
Product Specification	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
Sales Drawing	SD-5556****



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, 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™ Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire	0639002600
FineAdjust™ Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	0639002900
FineAdjust™ Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	0639015600
FineAdjust™ Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	0639023900
FineAdjust™ Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	0639024900
Extraction Tool	0011030044
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	0639123900
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	0639124900
T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG	0639102900
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	0639024800
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	0639102600
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	0639115600
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	0639124800

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

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