molex
one company › a world of innovation

This document was generated on 01/27/2015

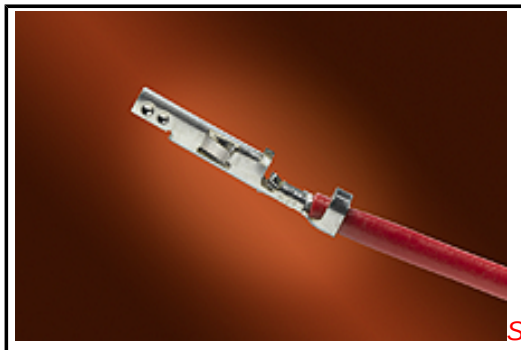
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 39-00-0038

Status: Active

Overview: Mini-Fit Jr.™ Power Connectors

Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Reel



Series

image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-51010-005 (PDF)
Product Specification PS-51010-006 (PDF)
Product Specification PS-51045-001 (PDF)
Product Specification PS-51045-002 (PDF)
Product Specification PS-51045-004 (PDF)
Product Specification PS-51096-001 (PDF)
Product Specification PS-52034-003 (PDF)
Product Specification PS-52034-004 (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	39-00-0039 (Loose)
Product Name	Mini-Fit®
UPC	800753585010

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
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	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5556T

Reference - Drawing Numbers

Packaging Specification	PK-5556-001
Product Specification	PS-51010-005, PS-51010-006, PS-51045-001, PS-51045-002, PS-51045-004, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-42474-001, RPS-51045-001, RPS-5557-008, RPS-5557-024, RPS-5557-031, RPS-5557-036, RPS-5557-037, RPS-5557-045, RPS-5557-046, RPS-5566-002

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
5556Series

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 #
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900

Sales Drawing	SD-5556****
Test Summary	TS-5556-002

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

Japan

Description	**Product #**
Side-Feed Applicator For Full-Auto Machine	0570223200
Hand Extraction Tool	0570316000

Applicator for M211A 0570223000
Bench Press, 18-24
AWG Wire

This document was generated on 01/27/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

39-00-0038 39-00-0038 (Mouser Reel) 39-00-0038 (Cut Strip)