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Part Number: **39-00-0081**

Status: **Active**

Overview: Mini-Fit Jr.™

Description: 4.20mm Pitch Mini-Fit® Crimp Terminal, Male, 16 AWG, Reel, Brass, Tin (Sn)

Documents:

Drawing (PDF)   Test Summary TS-5556-002 (PDF)
Product Specification PS-5556-002 (PDF)   RoHS Certificate of Compliance (PDF)
Packaging Specification PK-5558-001 (PDF)

Series
image - Reference only

General

Product Family	Crimp Terminals
Series	5558
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™
Packaging Alternative	39-00-0082 (Loose)
Product Name	Mini-Fit®
UPC	800753727083

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.080/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5558T3

Reference - Drawing Numbers

Packaging Specification	PK-5558-001
Product Specification	PS-5556-002, RPS-30067-002, RPS-30067-003
Sales Drawing	SD-5558****
Test Summary	TS-5556-002

EU RoHS   **China RoHS**

**ELV and RoHS
Compliant**

REACH SVHC
Contains SVHC: No

Low-Halogen Status
Low-Halogen

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
5558Series

Mates With
5556 Mini-Fit® Crimp Terminal

Use With
5559 Mini-Fit Jr.™ Plug Housing, 30068 Mini-Fit® TPA Plug Housing, 42475 Mini-Fit® BMI 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 #
FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only	0639002800

Description	Product #
FineAdjust™ Applicator for Insulation OD 2.20-2.45mm Optimized for 16 AWG Only	0639003000
FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	0639015300
Extraction Tool	0011030044
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	0639102800
T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	0639103000
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900

Japan

Description	Product #
Hand Extraction Tool	0570316000

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