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Part Number: **39-00-0039**
Status: **Active**
Overview: Mini-Fit Jr.™
Description: 4.20mm Pitch Mini-Fit® Crimp Terminal, Female, with Tin (Sn) over Copper (Cu) Plated Brass, 18-24 AWG, Bag

Documents:
Drawing (PDF)
Product Specification PS-51010-005 (PDF)
Product Specification PS-51010-006 (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)
Test Summary TS-5556-002 (PDF)
Test Summary TS-5556-005 (PDF)
RoHS Certificate of Compliance (PDF)

Series
image - Reference only

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
MolexKits	Yes
Overview	Mini-Fit Jr.™
Packaging Alternative	39-00-0038 (Reel)
Product Name	Mini-Fit®
UPC	800753585027

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Bag
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	5556TL

Reference - Drawing Numbers

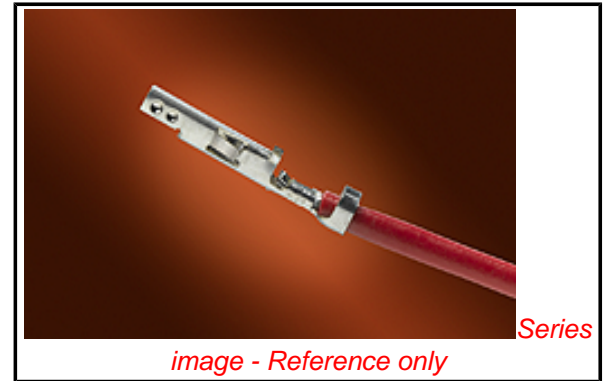|	
Product Specification	PS-51010-005, PS-51010-006, PS-51096-001, PS-52034-003, PS-52034-004, PS-5556-001, PS-5556-002, RPS-30067-001, RPS-30067-002, RPS-5557-024, RPS-5557-031, RPS-5557-050
Sales Drawing	SD-5556****
Test Summary	TS-5556-002, TS-5556-005

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
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 #**
Extraction Tool	0011030044
Hand Crimp Tool for Male and Female	0638190900

Crimp Terminals, 16-24 AWG Wire	
Japan	
Description	**Product #**
Handtool (Straight Action)	0570225500
Hand Crimp Tool	0570265000
Hand Extraction Tool	0570316000

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