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Part Number: [0039000046](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Copper (Cu) Plated Brass, 22-28 AWG, Reel

Documents:

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

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Jr.™ Power Connectors</u>
Packaging Alternative	39-00-0047 (Loose)
Product Name	Mini-Fit®
UPC	800753627710

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	123.000/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

Electrical

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

Solder Process Data

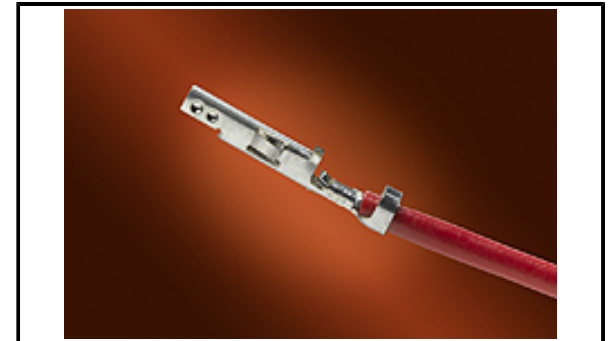
Lead-free Process Capability	N/A
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Material Info

Engineering Number	5556T2
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Reference - Drawing Numbers

Packaging Specification	PK-5556-001-002
Product Specification	PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5556****



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

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 #
Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for Crimp Terminals	<u>0638191000</u>
FineAdjust™	<u>0639002700</u>
Applicator for Insulation OD 1.30-1.50mm, 22-28 AWG Wire	
FineAdjust™	<u>0639020200</u>
Applicator for Insulation OD 1.10-1.30mm - 22-28 AWG	
FineAdjust™	<u>0639023800</u>
Applicator for Insulation OD 0.95-1.08mm - 22-28 AWG	
T2 Terminator™	<u>0639102700</u>
for insulation OD 1.30-1.50mm - 22-28 AWG	
T2 Terminator™	<u>0639120200</u>
for insulation OD 1.10-1.30mm - 22-28 AWG	
T2 Terminator™	<u>0639123800</u>
for insulation OD 0.95-1.08mm - 22-28 AWG	
Japan	
Description	Product #
Hand Extraction Tool	<u>0570316000</u>
Applicator for M211A Bench Press, 22-28 AWG Wire	<u>0570383000</u>

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