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Part Number: [0039000067](#)
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Male Crimp Terminal, Tin (Sn) over Phosphor Bronze, 22-28 AWG, Reel

Documents:

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

General

Product Family	Crimp Terminals
Series	5558
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0068 (Loose)
Product Name	Mini-Fit®
UPC	800754394024

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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

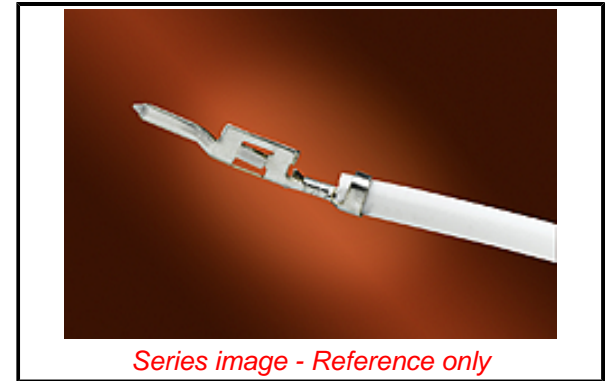
Lead-free Process Capability	N/A
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Material Info

Engineering Number	5558-PBT2
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Reference - Drawing Numbers

Packaging Specification	PK-5558-001, PK-5558-001-002
Product Specification	PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5558****



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

[5558 Series](#)

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 #

Extraction Tool

[0011030044](#)

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 #
Applicator for M21 1A Bench Press, 22-28 AWG Wire	<u>0570383000</u>

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