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Part Number: [0039000066](#)
Status: **Active**
Overview: [Mini-Fit Jr.™ Power Connectors](#)
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 22-28 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-5556-002 (PDF)
Product Specification PS-54111-002 (PDF)	Packaging Specification PK-5556-003 (PDF)
Product Specification PS-54452-007 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-001 (PDF)	

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
Packaging Alternative	39-00-0065 (Reel)
Product Name	Mini-Fit®
UPC	800754393980

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	120.000/mg
Packaging Type	Bag
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

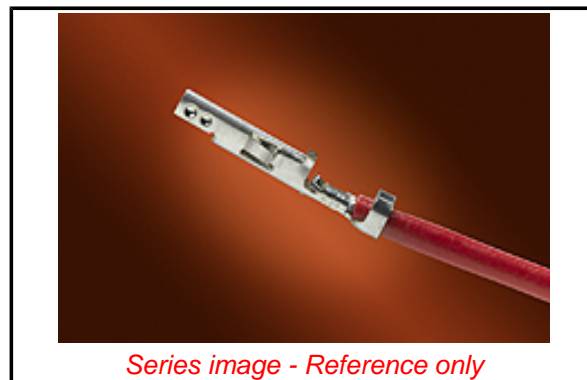
Lead-free Process Capability	N/A
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Material Info

Old Part Number	5556PBT2L
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Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-54111-002 , PS-54452-007 , PS-5556-001 , PS-5556-002 , RPS-54111-004
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

Green Image
Not Relevant

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 0011030044
Hand Crimp Tool for 0638191000
Crimp Terminals

Japan

Description	Product #
Hand Crimp Tool	<u>0570645000</u>
Handtool - Straight Action	<u>0570385300</u>

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