

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000060](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit® Female Crimp Terminal, Tin (Sn) over Phosphor Bronze, 18-24 AWG, Bag

Documents:

Drawing (PDF)	Product Specification PS-54452-007-001 (PDF)
Product Specification PS-51010-003 (PDF)	Product Specification PS-54849-004-001 (PDF)
Product Specification PS-51010-004 (PDF)	Product Specification PS-5556-001 (PDF)
Product Specification PS-51045-003 (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification PS-52252-001 (PDF)	Product Specification TS-5556-002-001 (PDF)
Product Specification PS-54111-001 (PDF)	Packaging Specification PK-5556-003 (PDF)
Product Specification PS-54111-002-001 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-54452-006-001 (PDF)	RoHS Certificate of Compliance (PDF)



Series image - Reference only

General

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39-00-0059 (Reel)
Product Name	Mini-Fit®
UPC	800753584679

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.127/g
Packaging Type	Bag
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm ²	N/A

Electrical

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

Material Info

Engineering Number	5556PBTL
--------------------	----------

Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54111-001, PS-54111-002-001, PS-54452-006-001, PS-54452-007-001, PS-54849-004-001, PS-5556-001, PS-5556-002-001, TS-5556-002-001
Sales Drawing	SD-5556****
Test Summary	55560000-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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

This document was generated on 08/02/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION