

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000059](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: [Mini-Fit Female Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 18-24 AWG, Reel](#)

Documents:

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

General

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	39-00-0060 (Loose)
Product Name	Mini-Fit
UPC	800753584662

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	Reel
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

Solder Process Data

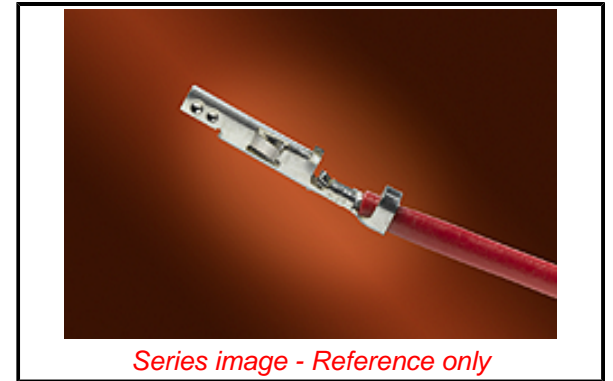
Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Engineering Number	5556PBT
--------------------	---------

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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 10/19/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION