

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

Drawing (PDF)	Product Specification PS-54452-006-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Product Specification PS-5556-001-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	Product Specification PS-5556-002-001 (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification PS-51010-003-001 (PDF)	Packaging Specification PK-5556-003-001 (PDF)
Product Specification PS-51010-004-001 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-51045-003-001 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-52252-001-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-54111-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-54111-002-001 (PDF)	

General

Product Family	Crimp Terminals
Series	<u>5556</u>
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit Family Power Connectors</u>
Packaging Alternative	<u>39000059 (Reel)</u>
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

Application Specification	55560001-AS-000
Packaging Specification	PK-5556-003-001
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, PS-51010-003-001, PS-51010-004-001, PS-51045-003-001, PS-52252-001-001, PS-54111-001-001, PS-54111-002-001, PS-54452-006-001, PS-5556-001-001, PS-5556-002-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

5556 Series

Use With

Mini-Fit Jr. Receptacle Housing 5557

Mini-Fit BMI Slide and Lock Panel
 Mount 44516
Mini-Fit BMI Panel Mount
 Receptacle Housing
 42474 , 43760

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 for 11030044

Mini-Fit Jr. Terminals

PremiumGrade Hand638190901

Crimp Tool for Mini-

Fit Jr. Male and

Female Terminals,

18-24 AWG

Japan

Sales Drawing
Test Summary

55560000-SD-000
55560000-TS-000, 55560010-TS-000,
TS-5556-002-001

Description	Product #
Handtool (Straight Action)	<u>570225500</u>
Hand Crimp Tool	<u>570265000</u>
Hand Crimp Tool	<u>570275000</u>

This document was generated on 07/29/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION