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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 55560002-PS-CH-000 \(PDF\)](#)
[Product Specification 55560002-PS-ES-000 \(PDF\)](#)
[Product Specification 55560002-PS-SK-000 \(PDF\)](#)
[Product Specification PS-51010-003 \(PDF\)](#)
[Product Specification PS-51010-004 \(PDF\)](#)
[Product Specification PS-51045-003 \(PDF\)](#)
[Product Specification PS-52252-001 \(PDF\)](#)
[Product Specification PS-54111-001 \(PDF\)](#)
[Product Specification PS-54111-002-001 \(PDF\)](#)
- [Product Specification PS-54452-006-001 \(PDF\)](#)
[Product Specification PS-5556-001-001 \(PDF\)](#)
[Product Specification PS-5556-002-001 \(PDF\)](#)
[Application Specification 55560001-AS-000 \(PDF\)](#)
[Packaging Specification PK-5556-003-001 \(PDF\)](#)
[Test Summary 55560000-TS-000 \(PDF\)](#)
[Test Summary 55560010-TS-000 \(PDF\)](#)
[Test Summary TS-5556-002-001 \(PDF\)](#)
[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 Family Power Connectors
Packaging Alternative	39000059 (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 mm²	N/A

Electrical

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

Material Info

Engineering Number	5556PBTl
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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 , PS-51010-004 , PS-51045-003 , PS-52252-001 , PS-54111-001 , PS-54111-002-001 , PS-54452-006-001 , PS-5556-001-001 , PS-5556-002-001
Sales Drawing	55560000-SD-000



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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 Hand	638190901
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	

Japan

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

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