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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	39000060 (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-free Process Capability	N/A
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Material Info

Engineering Number	5556PBT
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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/88/2018 (15
January 2019)

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

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	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp	638190901

Terminals, 18-24
 AWG
 FineAdjust Applicator [639002600](#)
 for Insulation OD
 2.50-2.95mm, 18-24
 AWG Wire
 FineAdjust Applicator [639002900](#)
 for Insulation OD
 1.65-2.05mm, 18-24
 AWG Wire
 FineAdjust Applicator [639015600](#)
 for Insulation OD
 1.90-2.30mm - 18-24
 AWG
 FineAdjust Applicator [639023900](#)
 for Insulation OD
 1.40-1.70mm - 18-24
 AWG
 FineAdjust Applicator [639024800](#)
 for Insulation OD
 2.50-2.95mm
 Optimized for 18
 AWG Only
 FineAdjust Applicator [639024900](#)
 for Insulation OD
 2.30-2.60mm - 18-24
 AWG
 T2 Terminator [639102600](#)
 for Insulation OD
 2.50-2.95mm, 18-24
 AWG
 T2 Terminator for [639102900](#)
 Insulation OD 1.65
 – 2.05mm, 18–24
 AWG
 T2 Terminator [639115600](#)
 for insulation OD
 1.90-2.30mm - 18-24
 AWG
 T2 Terminator [639123900](#)
 for insulation OD
 1.40-1.70mm - 18-24
 AWG
 T2 Terminator [639124800](#)
 for insulation OD
 2.50-2.95mm
 optimized for 18
 AWG only
 T2 Terminator [639124900](#)
 for insulation OD
 2.30-2.60mm - 18-24
 AWG

Japan

Description	Product #
Applicator for M211A Bench Press, 18-24	570223000
AWG Wire	
S-1 Applicator for Mini-Fit Plug and Receptacle	570223700
Terminals, 18-24	
AWG, UL1007 Wires	
S-1 Applicator for Mini-Fit Plug and Receptacle	570223710

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