

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



Series image - Reference only

Documents:	
Drawing (PDF)	Application Specification 55560001-AS-000 (PDF)
Product Specification PS-51010-003 (PDF)	Packaging Specification PK-5556-001 (PDF)
Product Specification PS-51010-004 (PDF)	Test Summary 55560000-TS-000 (PDF)
Product Specification PS-51045-003 (PDF)	Test Summary 55560010-TS-000 (PDF)
Product Specification PS-52252-001 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification PS-5556-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-5556-002-001 (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 mm²	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	
Application Specification	55560001-AS-000
Packaging Specification	PK-5556-001
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-5556-001-001, PS-5556-002-001
Sales Drawing	55560000-SD-000
Test Summary	55560000-TS-000, 55560010-TS-000, TS-5556-002-001

EU ELV
Compliant

EU RoHS
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Low-Halogen

China RoHS

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

China ROHS
ELV
RoHS Phthalates

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
FineAdjust Applicator for Mini-Fit Double Crimp Applications	2037026300

Using Two 22 AWG
Wires
Hand Crimp Tool [638190901](#)
for Mini-Fit Jr. Male
and Female Crimp
Terminals, 18-24
AWG
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
FineAdjust Applicator[639047800](#)
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator[639048000](#)
for 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 Terminals, 18-24	570223700
AWG, UL1007 Wires	
S-1 Applicator for Mini-Fit Plug and Receptacle Terminals, 18-24	570223710
AWG, UL1015 Wires	

This document was generated on 01/18/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION