This document was generated on 12/30/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039000126
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Male Crimp Terminal, Tin (Sn), Phosphor Bronze, 18-24 AWG, Reel



Series image - Reference only

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 55560008-TS-000 (PDF)
- Product Specification PS-5556-001-001 (PDF)
- Product Specification PS-5556-002-001 (PDF)
- Application Specification 55560001-AS-000 (PDF)
- Packaging Specification 55580001-PK-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	5558
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	39000127 (Loose)
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
UPC	800754395236

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.125/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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	5558-PBS

Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55580001-PK-000
Product Specification	55560002-PS-CH-000, 55560002-PS-ES-000, 55560002-PS-SK-000, 55560008-TS-000, PS-5556-001-001, PS-5556-002-001
Sales Drawing	SD-5558-XSX-001
Test Summary	55560010-TS-000, TS-5556-002-001

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
5558 Series

Use With
Mini-Fit Jr. Plug Housing 5559
Mini-Fit BMI Plug Housing 42475

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 Mini-Fit Jr. Terminals	11030044
FineAdjust Applicator for Mini-Fit Double Crimp Applications Using Two 22 AWG Wires	2037026300
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and	638190901

Female Terminals, 18-24 AWG	
FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	639015600
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	639023900
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	639024800
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	639024900
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG	639047800
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG	639048000
T2 Terminator for insulation OD 1.90-2.30mm - 18-24 AWG	639115600
T2 Terminator for insulation OD 1.40-1.70mm - 18-24 AWG	639123900
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	639124800
T2 Terminator for insulation OD 2.30-2.60mm - 18-24 AWG	639124900
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	639147800
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	639148000