

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0039000183](#)
Status: **Active**
Overview:
Description: Mini-Fit Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 22-28 AWG, Reel

General

Product Family	Crimp Terminals
Series	5556
Application	Power, Wire-to-Board, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	minifit_power_connector_solutions
Packaging Alternative	39000184 (Loose)
Product Name	Mini-Fit
Taxonomy	Crimp Terminals
UPC	800754395861

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.130/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.90-1.80mm
Wire Size AWG	22, 24, 26, 28
Wire Size mm²	N/A

Electrical

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

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Engineering Number	5556-PBGS2P
--------------------	-------------

Reference - Drawing Numbers

Application Specification	55560001-AS-000
Packaging Specification	55560001-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-5556-006-001
Test Summary	55560010-TS-000, TS-5556-002-001

EU ELV
Compliant

EU RoHS **China RoHS**
Compliant
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

[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 Mini-Fit Jr. Terminals PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 22-28 AWG FineAdjust Applicator for Insulation OD 1.30-1.50mm, 22-28 AWG Wire FineAdjust Applicator for Insulation OD 1.10-1.30mm - 22-28 AWG FineAdjust Applicator for Insulation OD 0.95-1.08mm - 22-28 AWG	11030044 638191000 639002700 639020200 639023800
---	--

T2 Terminator for Insulation OD 1.30-1.50mm, 22-28 AWG	<u>639102700</u>
T2 Terminator for insulation OD 1.10-1.30mm - 22-28 AWG	<u>639120200</u>
T2 Terminator for insulation OD 0.95-1.08mm - 22-28 AWG	<u>639123800</u>

This document was generated on 09/27/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION