

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0039000182**
Status: **Active**
Overview: Mini-Fit Jr.™ Power Connectors
Description: Mini-Fit® Female Crimp Terminal, Selective Gold (Au) over Phosphor Bronze, 18-24 AWG, Bag

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003 \(PDF\)](#)
[Product Specification PS-5556-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family Crimp Terminals
 Series 5556
 Application Power
 Crimp Quality Equipment Yes
 Overview Mini-Fit Jr.™ Power Connectors
 Packaging Alternative 39-00-0181 (Reel)
 Product Name Mini-Fit®
 UPC 800754395847

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 Bag
 Plating min - Mating 0.762µm
 Plating min - Termination 0.762µm
 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

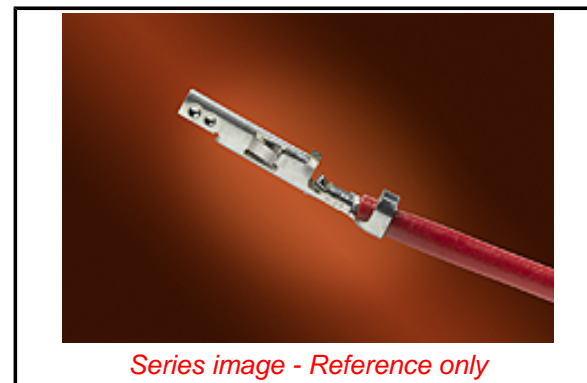
Lead-free Process Capability N/A

Material Info

Old Part Number 5556-PBGSPL

Reference - Drawing Numbers

Packaging Specification PK-5556-003
 Product Specification PS-5556-001
 Sales Drawing SD-5556-006



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

Halogen-Free

Status

Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

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, 44516 Mini-Fit® BMI Slide and Lock 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 #

Hand Crimp Tool for [0638190900](#)
Male and Female
Crimp Terminals,
16-24 AWG Wire
Extraction Tool [0011030044](#)

Japan

Description	Product #
Handtool (Straight Action)	0570225500
Hand Crimp Tool	0570265000

This document was generated on 07/25/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION