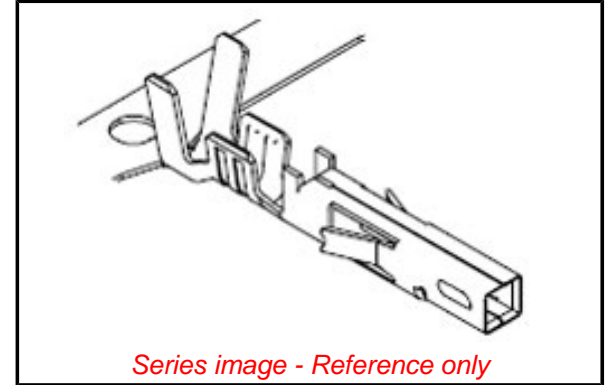


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0460183541](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® Plus Connector System  
**Description:** Mini-Fit® Plus High Mating Cycle Female Crimp Terminal, 16 AWG, Reel, Select Gold (Au) Plating with Proprietary Molex Advanced Contact Surface Finish (CSF) in Contact Area

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-46018-001 \(PDF\)](#)



**General**

Product Family	Crimp Terminals
Series	<a href="#">46018</a>
Application	Power
Comments	High Mating Cycles
Crimp Quality Equipment	Yes
Overview	<u>Mini-Fit® Plus Connector System</u>
Packaging Alternative	<a href="#">46018-3542 (Loose)</a>
Product Name	Mini-Fit® Plus
UPC	822350560498

**Physical**

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Reel
Plating min - Mating	0.051µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	16
Wire Size mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-46018-001
Sales Drawing	SD-46018-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto: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**

[46018 Series](#)

**Use With**

5557 Mini-Fit Jr.™ Receptacles, 30067 Mini-Fit® TPA Receptacles, [42474 Mini-Fit® BMI Panel Mount Receptacles](#), [44516 Mini-Fit® BMI Panel Mount Slide-N-Lock Receptacles](#)

**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	<a href="#">0638190900</a>
Male and Female Crimp Terminals,	
16-24 AWG Wire	

Extraction Tool	<u>0011030044</u>
FineAdjust™	<u>0639039400</u>
Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only	
FineAdjust™	<u>0639041400</u>
Applicator for Mini- Fit Jr.™, Mini-Fit HCS™, and Mini-Fit Plus HCS™ Crimp Terminals, 16 AWG with Large Insulation Diameters	
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	<u>0639102800</u>
T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	<u>0639103000</u>
FineAdjust™	<u>0639015300</u>
Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	

This document was generated on 07/13/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**