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**Part Number:** [0460182541](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Plus High Mating Cycle Female Crimp Terminal, 22-24 AWG, Reel, Select Gold (Au) Plating with Proprietary Molex Advanced Contact Surface Finish (CSF) in Contact Area

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-46018-001-001 \(PDF\)](#)  
[Product Specification PS-46018-004-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-46018-001-001 \(PDF\)](#)



Series image - Reference only

**General**

Product Family	Crimp Terminals
Series	46018
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current Rating = 5A Max. Using 22 AWG Wire and 4A Max. Using 24 AWG Wire
Crimp Quality Equipment Overview	Yes
Packaging Alternative	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	<a href="#">460182542 (Loose)</a>
UPC	Mini-Fit Plus 822350560450

**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	1.20-1.80mm
Wire Size AWG	22, 24
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
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-46018-001-001
Product Specification	PS-46018-004-001
Sales Drawing	SD-46018-001-001
Test Summary	TS-46018-001-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46018 Series](#)

**Mates With**

Mini-Fit Plus Crimp Terminal [46012](#)  
 <br>Mini-Fit Plus Header [46011](#) , [46014](#)  
 , [46015](#) <br>Mini-Fit BMI Header [44068](#) ,  
[42404](#) , [43810](#) <br>Mini-Fit Jr. Header [5569](#)  
 <br>Mini-Fit TPA Header [30070](#)

**Use With**

Mini-Fit Jr. Receptacles [5557](#) <br>Mini-Fit TPA Receptacles [30067](#) <br>Mini-Fit BMI Panel Mount Receptacles [42474](#) <br>Mini-Fit BMI Panel Mount Slide-N-Lock Receptacles [44516](#)

**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 [11030044](#)  
Mini-Fit Jr. Terminals  
PremiumGrade Hand[638191000](#)  
Crimp Tool for Mini-  
Fit Jr. Male and  
Female Terminals,  
22-28 AWG  
FineAdjust Applicator[639002700](#)  
for Insulation OD  
1.30-1.50mm, 22-28  
AWG Wire  
FineAdjust Applicator[639020200](#)  
for Insulation OD  
1.10-1.30mm - 22-28  
AWG  
FineAdjust Applicator[639023800](#)  
for Insulation OD  
0.95-1.08mm - 22-28  
AWG  
T2 Terminator [639102700](#)  
for Insulation OD  
1.30-1.50mm, 22-28  
AWG  
T2 Terminator [639120200](#)  
for insulation OD  
1.10-1.30mm - 22-28  
AWG  
T2 Terminator [639123800](#)  
for insulation OD  
0.95-1.08mm - 22-28  
AWG

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