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Part Number: [0460181541](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
Description: Mini-Fit Plus High Mating Cycle Female Crimp Terminal, 18-20 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 \(PDF\)](#)

General

Product Family Crimp Terminals
Series [46018](#)
Application Power, Wire-to-Board, Wire-to-Wire
Comments Current Rating = 9A Max. Using 18 AWG Wire and 7A Max. Using 20 AWG Wire

Crimp Quality Equipment Yes
Overview [Mini-Fit Plus Connector System](#)
Packaging Alternative [460181542 \(Loose\)](#)
Product Name Mini-Fit Plus
UPC 822350560474

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 1.65-2.95mm
Wire Size AWG 18, 20
Wire Size mm² N/A

Electrical

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

Solder Process Data

Lead-freeProcess Capability N/A

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)10043-DC (17
Jan 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[46018](#) Series

Mates With

Mini-Fit Plus Crimp Terminal [46012](#)

Mini-Fit Plus Header [46011](#) , [46014](#)
, [46015](#)
Mini-Fit BMI Header [44068](#) ,
[42404](#) , [43810](#)
Mini-Fit Jr. Header [5569](#)

Mini-Fit TPA Header [30070](#)

Use With

Mini-Fit Jr. Receptacles [5557](#)
Mini-Fit
Fit TPA Receptacles [30067](#)
Mini-Fit
BMI Panel Mount Receptacles [42474](#)

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 Hand638190901
Crimp Tool for Mini-
Fit Jr. Male and
Female Terminals,
18-24 AWG
FineAdjust 639015600
Applicator for 18-20
AWG and 18-24
AWG Wires with
Insulation Diameter
1.90-2.30mm
FineAdjust Applicator639023900
for Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust Applicator639024800
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
FineAdjust Applicator639024900
for Insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust Applicator639047800
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator639048000
for Insulation OD
1.65-2.05mm, 18-24
AWG
T2 Terminator 639115600
for insulation OD
1.90-2.30mm - 18-24
AWG
T2 Terminator 639123900
for insulation OD
1.40-1.70mm - 18-24
AWG
T2 Terminator 639124800
for insulation OD
2.50-2.95mm
optimized for 18
AWG only
T2 Terminator 639124900
for insulation OD
2.30-2.60mm - 18-24
AWG
T2 Terminator 639147800
for Mini-Fit Crimp
Terminals, 18-24
AWG with Large
Insulation ODs
T2 Terminator 639148000
for Mini-Fit Crimp
Terminals, 18-24
AWG with Smaller
Insulation ODs

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