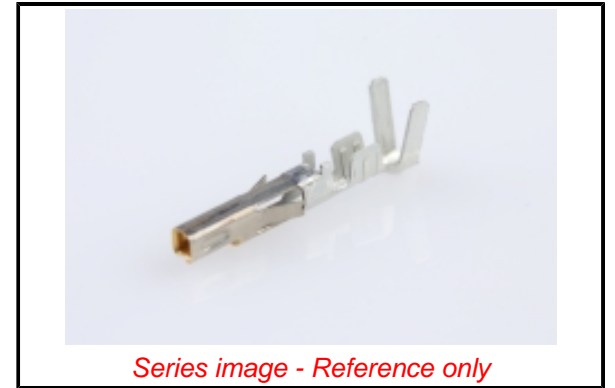


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Part Number: [0460183541](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Plus High Mating Cycle Female Crimp Terminal, 16 AWG, Reel, Select Gold (Au) Plating with Proprietary Molex Advanced Contact Surface Finish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

Documents:

[Drawing \(PDF\)](#) [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	High Mating Cycles
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	460183542 (Loose)
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 ²	N/A

Electrical

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

Solder Process Data

Lead-freeProcess 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](#)

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 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
Hand Crimp Tool [2002182200](#)
for Mini-Fit Jr. Male
and Female Crimp
Terminals, 16 AWG
FineAdjust Applicator[639039400](#)
for Insulation OD
2.20-2.45mm, 16
AWG
FineAdjust Applicator[639041400](#)
for Insulation OD
2.60-3.15mm, 16
AWG
FineAdjust Applicator[639041500](#)
for Insulation OD
1.80-2.20mm, 16
AWG

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