

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



Series image - Reference only

Documents:

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

General

Product Family

Series

Application

Comments

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

Taxonomy

UPC

Crimp Terminals

46018

Power, Wire-to-Board, Wire-to-Wire

Current Rating = 5A Max. Using 22 AWG Wire and 4A Max. Using 24 AWG Wire

Yes

Mini-Fit Family Power Connectors

460182542 (Loose)

Mini-Fit Plus

Crimp Terminals

822350560450

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Copper Alloy

Gold

Tin

0.150/g

Reel

0.051µm

2.540µm

Crimp or Compression

1.20-1.80mm

22, 24

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

13.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-46018-001-001

PS-46018-004-001

SD-46018-001-001

TS-46018-001-001

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

46018 Series

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

Mini-Fit Jr. Terminals

Hand Crimp Tool for

Mini-Fit Plus Crimp Terminals, 22 AWG, UL 1007 and UL 1061 Wires

[11030044](#)

[2133097300](#)

Hand Crimp Tool for [2133097400](#)
Mini-Fit Plus Crimp
Terminals, 24 AWG,
UL 1007 and UL
1061 Wires
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