

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0460181541

Status:

Active

Overview:

Mini-Fit Family Power Connectors

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



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 = 9A Max. Using 18 AWG Wire and 7A Max. Using 20 AWG Wire

Yes

Mini-Fit Family Power Connectors

460181542 (Loose)

Mini-Fit Plus

Crimp Terminals

822350560474

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

1.65-2.95mm

18, 20

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 #
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Extraction Tool for Mini-Fit Jr. Terminals PremiumGrade Hand	11030044 638190901
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 Applicator	639023900
for Insulation OD	
1.40-1.70mm - 18-24	
AWG	
FineAdjust Applicator	639024800
for Insulation OD	
2.50-2.95mm	
Optimized for 18	
AWG Only	
FineAdjust Applicator	639024900
for Insulation OD	
2.30-2.60mm - 18-24	
AWG	
FineAdjust Applicator	639047800
for Insulation OD	
2.50-2.95mm, 18-24	
AWG	
FineAdjust Applicator	639048000
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	