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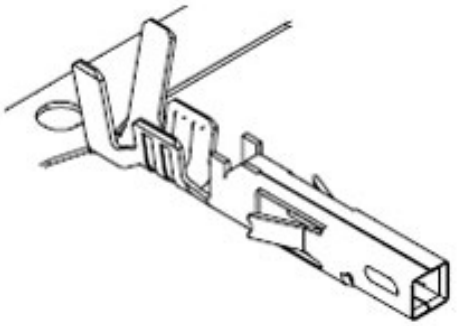
Part Number: 46018-3541

Status: Active

Description: Mini-Fit® Plus HMC (High Mating Cycle) Female Crimp Terminal, 16 AWG, Reel, Select Gold (Au) Plating with Proprietary Molex Advanced Contact Surface Finish (CSF) in Contact Area



Series image - Reference only

Documents:

Drawing (PDF)
Packaging Specification PK-46018-001 (PDF)
Test Summary TS-46018-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	46018
Application	Power
Comments	High Mating Cycles
Crimp Quality Equipment	Yes
Packaging Alternative	46018-3542 (Loose)
Product Name	Mini-Fit® Plus HMC
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	2.20-3.15mm
Wire Size AWG	16
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46018-001
Sales Drawing	SD-46018-001, SDIN-46018-001
Test Summary	TS-46018-001

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
46018Series

Use With
5557 Mini-Fit Jr.™ Receptacles, 30067 Mini-Fit® TPA Receptacles, 42474 Mini-Fit® BMI Panel Mount Receptacles, 44516 Mini-Fit® BMI Panel Mount Slide-N-Lock Receptacles

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 #
FineAdjust™ Applicator for Insulation OD 2.60-3.15mm Optimized for 16 AWG Only	0639002800
FineAdjust™ Applicator for	0639003000

Insulation OD 2.20-2.45mm Optimized for 16 AWG Only	
FineAdjust™ Applicator for Insulation OD 1.80-2.20mm Optimized for 16 AWG Only	0639015300
Extraction Tool	0011030044
T2 Terminator™ for insulation OD 2.60-3.15mm optimized for 16 AWG only	0639102800
T2 Terminator™ for insulation OD 2.20-2.45mm optimized for 16 AWG only	0639103000
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900