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Part Number: [46018-2541](#)
Status: **Active**
Description: Mini-Fit® Plus HMC (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

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

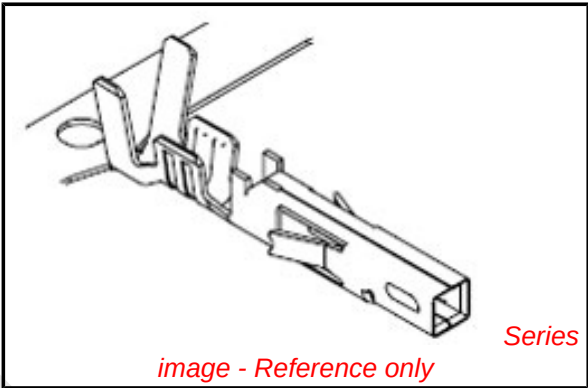
General
Product Family Crimp Terminals
Series [46018](#)
Application Power
Comments Current Rating = 5A Max. Using 22 AWG Wire and 4A Max. Using 24 AWG Wire
Crimp Quality Equipment Yes
Product Name Mini-Fit® Plus HMC
UPC 822350560450

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 1.20-1.80mm
Wire Size AWG 22, 24
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
[Test Summary](#) TS-46018-001



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



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 1.30-1.50mm - 22-28 AWG	0639002700
FineAdjust™ Applicator for Insulation OD	0639020200

1.10-1.30mm - 22-28	
AWG	
FineAdjust™	<u>0639023800</u>
Applicator for	
Insulation OD	
0.95-1.08mm - 22-28	
AWG	
Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for	<u>0638191000</u>
Crimp Terminals	

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