



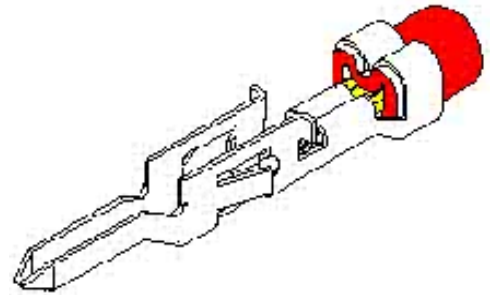
**Part Number :** [444781211](#)

**Product Description :** Mini-Fit HCS Crimp Terminal, 20-18 AWG, Reel, Copper (Cu) Alloy, Gold (Au) Selective

**Series Number :** 44478

**Status :** Not Recommended For New Design

**Product Category :** Crimp Terminals



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## Documents & Resources


### Drawings

[PK-44478-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

## Part Details

### General

Status	Not Recommended For New Design
Category	Crimp Terminals
Series	44478
Description	Mini-Fit HCS Crimp Terminal, 20-18 AWG, Reel, Copper (Cu) Alloy, Gold (Au) Selective
Application	Power
Comments	High Current
Product Name	Mini-Fit
UPC	822348521074

### Electrical

Current - Maximum per Contact	11.0A
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### Physical

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.133/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size (AWG)	18, 20
Wire Size mm <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Mini-Fit BMI Dual Row Plug Housings	<u>42475</u>
Mini-Fit Jr. Plug Housings	<u>5559</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	<u>638190901</u>
FineAdjust Applicator for 20-18 AWG and 24-18 AWG Wires with Insulation Diameter 1.90-2.30mm	<u>639015600</u>
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 24-18 AWG	<u>639023900</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>639024800</u>
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 24-18 AWG	<u>639024900</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 24-18 AWG	<u>639047800</u>
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 24-18 AWG	<u>639048000</u>
T2 Terminator for Insulation OD 1.90-2.30mm - 24-18 AWG	<u>639115600</u>
T2 Terminator for insulation OD 1.40-1.70mm - 24-18 AWG	<u>639123900</u>
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>639124800</u>
T2 Terminator for insulation OD 2.30-2.60mm - 24-18 AWG	<u>639124900</u>
T2 Terminator for Mini-Fit Crimp	<u>639147800</u>

Terminals, 24-18 AWG with Large Insulation ODs	
T2 Terminator for Mini-Fit Crimp Terminals, 24-18 AWG with Smaller Insulation ODs	<u>639148000</u>