



Part Number : [304902002](#)

Product Description : Mini-Fit Jr. Crimp Grounding Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18-24 AWG, Reel

Series Number : 30490

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : 0304902012 (Bag)



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## Documents & Resources


### Drawings

[Drawing 304902002\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	30490
Description	Mini-Fit Jr. Crimp Grounding Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18-24 AWG, Reel
Application	Power, Wire-to-Wire
Comments	Grounding Pin
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800754319294

### Electrical

Current - Maximum per Contact	9.0A
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### Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.153/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size (AWG)	18, 20, 22, 24
Wire Size mm <sup>2</sup>	N/A

### Solder Process Data

Lead-Free Process Capability	N/A
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## Use with Part(s)

Description	Part Number
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>0011030044</u>
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	<u>0638190901</u>
T2 Terminator Die	<u>0638501000</u>
T2 Terminator Die	<u>0638501400</u>
FineAdjust Applicator	<u>0638601000</u>
FineAdjust Applicator, Small Insulation	<u>0638601400</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire	<u>0639002600</u>
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG Wire	<u>0639002900</u>
FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	<u>0639015600</u>
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639023900</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>0639024800</u>
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639024900</u>
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG	<u>0639047800</u>
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG	<u>0639048000</u>
T2 Terminator for Insulation OD 2.50-2.95mm, 18-24 AWG	<u>0639102600</u>

T2 Terminator for Insulation OD 1.65 - 2.05mm, 18-24 AWG	<u>0639102900</u>
T2 Terminator for Insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639115600</u>
T2 Terminator for insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639123900</u>
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>0639124800</u>
T2 Terminator for insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639124900</u>
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	<u>0639147800</u>
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	<u>0639148000</u>

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