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Part Number: [0304902002](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. Crimp Grounding Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18-24 AWG, Reel

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|-------------------------|--|
| Product Family | Crimp Terminals |
| Series | 30490 |
| Application | Power, Wire-to-Wire |
| Comments | Grounding Pin |
| Crimp Quality Equipment | Yes |
| Overview | Mini-Fit Family Power Connectors |
| Packaging Alternative | 304902012 (Loose) |
| Product Name | Mini-Fit Jr. |
| UPC | 800754319294 |

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 ² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
|-------------------------------|------|

Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|---------------|-------------------|
| Sales Drawing | SD-30490-XXX2-001 |
|---------------|-------------------|



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[30490](#) Series

Mates With

[5556](#) Mini-Fit Crimp Terminal

Use With

Mini-Fit Jr. Plug Housing [5559](#) Single Row,
[30068](#) , [5559d](#)

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 # |
|-------------|-----------|
|-------------|-----------|

| | |
|--|---|
| 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 | <u>639015600</u> |
| Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm | |
| FineAdjust Applicator | <u>639023900</u> |
| for Insulation OD 1.40-1.70mm - 18-24 AWG | |
| FineAdjust Applicator | <u>639024800</u> |
| for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only | |
| FineAdjust Applicator | <u>639024900</u> |
| for Insulation OD 2.30-2.60mm - 18-24 AWG | |
| FineAdjust Applicator | <u>639047800</u> |
| for Insulation OD 2.50-2.95mm, 18-24 AWG | |
| FineAdjust Applicator | <u>639048000</u> |
| for Insulation OD 1.65-2.05mm, 18-24 AWG | |
| T2 Terminator | <u>639115600</u> |
| for insulation OD 1.90-2.30mm - 18-24 AWG | |
| T2 Terminator | <u>639123900</u> |
| for insulation OD 1.40-1.70mm - 18-24 AWG | |
| T2 Terminator | <u>639124800</u> |
| for insulation OD 2.50-2.95mm optimized for 18 AWG only | |
| T2 Terminator | <u>639124900</u> |
| for insulation OD 2.30-2.60mm - 18-24 AWG | |
| T2 Terminator | <u>639147800</u> |
| for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs | |
| T2 Terminator | <u>639148000</u> |
| for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs | |

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