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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
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Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Sales Drawing	SD-30490-XXX2-001
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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 #
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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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