

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0304901002](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. Grounding Pin, 18-24 AWG, Reel, Phosphor Bronze, Tin or Select Gold (Au)

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	304911012 (Loose)
Product Name	Mini-Fit Jr.
UPC	800754373463

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Net Weight	0.151/g
Packaging Type	Reel
Plating min - Mating	0.762µm
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
-------------------------------	------

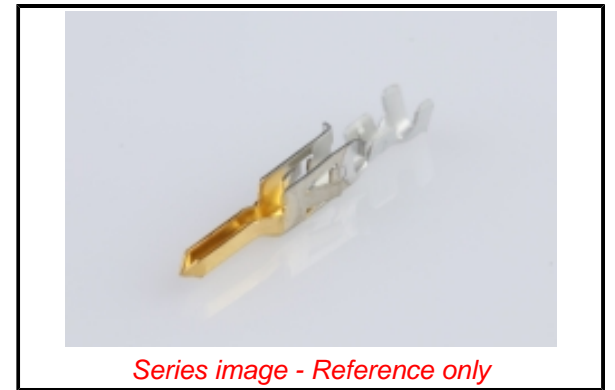
Solder Process Data

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

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

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

Not Relevant

Not Contained

Search Parts in this Series

[30490](#) Series

Mates With

[5556](#) Mini-Fit Crimp Terminal, [44485](#) Series

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 Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	11030044 638190901
---	---

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	

This document was generated on 01/05/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-](#)
[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)
[367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)