

**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<sup>2</sup> [N/A](#)

**Electrical**

Current - Maximum per Contact [9.0A](#)

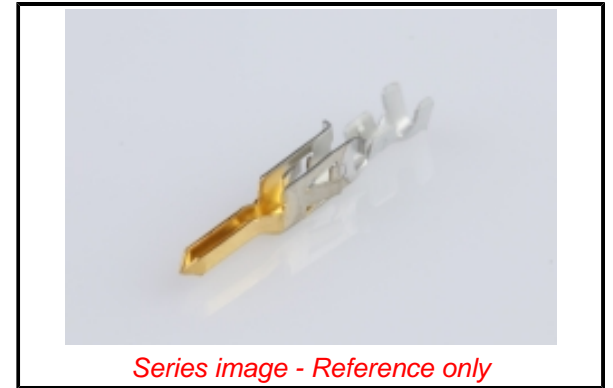
**Solder Process Data**

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(2022)4187-DC (10  
 June 2022)

**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](#)

**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 [11030044](#)

Mini-Fit Jr. Terminals

PremiumGrade Hand[638190901](#)

Crimp Tool for Mini-

Fit Jr. Male and

Female Terminals,

18-24 AWG

FineAdjust [639015600](#)

Applicator for 18-20

AWG and 18-24

AWG Wires with  
Insulation Diameter  
1.90-2.30mm  
FineAdjust Applicator [639023900](#)  
for Insulation OD  
1.40-1.70mm - 18-24  
AWG  
FineAdjust Applicator [639024800](#)  
for Insulation OD  
2.50-2.95mm  
Optimized for 18  
AWG Only  
FineAdjust Applicator [639024900](#)  
for Insulation OD  
2.30-2.60mm - 18-24  
AWG  
FineAdjust Applicator [639047800](#)  
for Insulation OD  
2.50-2.95mm, 18-24  
AWG  
FineAdjust Applicator [639048000](#)  
for Insulation OD  
1.65-2.05mm, 18-24  
AWG  
T2 Terminator [639115600](#)  
for insulation OD  
1.90-2.30mm - 18-24  
AWG  
T2 Terminator [639123900](#)  
for insulation OD  
1.40-1.70mm - 18-24  
AWG  
T2 Terminator [639124800](#)  
for insulation OD  
2.50-2.95mm  
optimized for 18  
AWG only  
T2 Terminator [639124900](#)  
for insulation OD  
2.30-2.60mm - 18-24  
AWG  
T2 Terminator [639147800](#)  
for Mini-Fit Crimp  
Terminals, 18-24  
AWG with Large  
Insulation ODs  
T2 Terminator [639148000](#)  
for Mini-Fit Crimp  
Terminals, 18-24  
AWG with Smaller  
Insulation ODs

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