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**Part Number:** [30490-2002](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® 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	<a href="#">30490</a>
Application	Power
Comments	Grounding Pin
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Product Name	Mini-Fit®
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 mm²	N/A

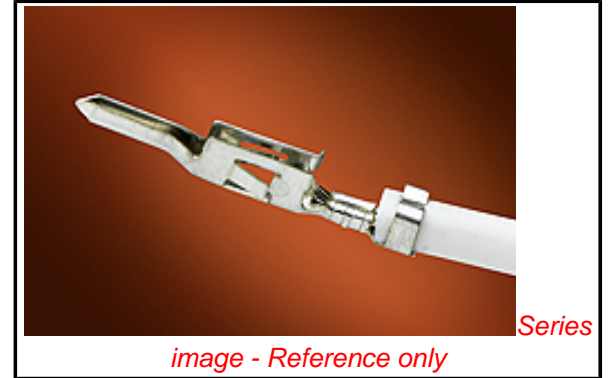
**Electrical**

Current - Maximum per Contact	9A
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**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-30490-***2
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**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[30490Series](#)

**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 #
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<a href="#">0638190900</a>
FineAdjust™ Applicator for Insulation OD	<a href="#">0639023900</a>

1.40-1.70mm - 18-24  
AWG  
T2 Terminator™ for 0639102900  
insulation OD 1.65  
– 2.05mm – 18 – 24  
AWG  
T2 Terminator™ 0639123900  
for insulation OD  
1.40-1.70mm - 18-24  
AWG  
FineAdjust™ 0639024800  
Applicator for  
Insulation OD  
2.50-2.95mm  
Optimized for 18  
AWG Only  
T2 Terminator™ 0639115600  
for insulation OD  
1.90-2.30mm - 18-24  
AWG  
Extraction Tool 0011030044  
FineAdjust™ 0639002600  
Applicator for  
Insulation OD  
2.50-2.95mm - 18-24  
AWG  
FineAdjust™ 0639002900  
Applicator for  
Insulation OD  
1.65-2.05mm - 18-24  
AWG  
T2 Terminator™ 0639102600  
for insulation OD  
2.50-2.95mm - 18-24  
AWG  
T2 Terminator™ 0639124800  
for insulation OD  
2.50-2.95mm  
optimized for 18  
AWG only  
FineAdjust™ 0639015600  
Applicator for  
Insulation OD  
1.90-2.30mm - 18-24  
AWG  
FineAdjust™ 0639024900  
Applicator for  
Insulation OD  
2.30-2.60mm - 18-24  
AWG  
T2 Terminator™ 0639124900  
for insulation OD  
2.30-2.60mm - 18-24  
AWG

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