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**Part Number:** [0304902002](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ 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	<a href="#">30490</a>
Application	Power
Comments	Grounding Pin
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">30490-2012 (Loose)</a>
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 mm²	N/A

**Electrical**

Current - Maximum per Contact	9.0A
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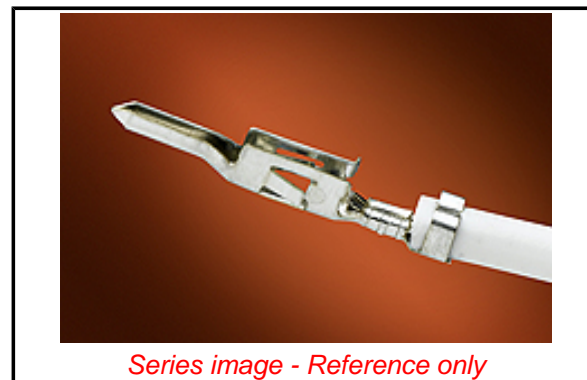
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

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

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**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**

FineAdjust™  
Applicator for  
Insulation OD

**Product #**

[0639002900](#)

1.65-2.05mm, 18-24  
 AWG Wire  
 Hand Crimp Tool for [0638190900](#)  
 Male and Female  
 Crimp Terminals,  
 16-24 AWG Wire  
 Extraction Tool [0011030044](#)  
 FineAdjust™ [0639002600](#)  
 Applicator for  
 Insulation OD  
 2.50-2.95mm, 18-24  
 AWG Wire  
 FineAdjust™ [0639015600](#)  
 Applicator for  
 Insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 FineAdjust™ [0639023900](#)  
 Applicator for  
 Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust™ [0639024900](#)  
 Applicator for  
 Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator™ [0639102600](#)  
 for insulation OD  
 2.50-2.95mm - 18-24  
 AWG  
 T2 Terminator™ for [0639102900](#)  
 insulation OD 1.65  
 – 2.05mm – 18 – 24  
 AWG  
 T2 Terminator™ [0639124800](#)  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator™ [0639124900](#)  
 for insulation OD  
 2.30-2.60mm - 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  
 T2 Terminator™ [0639123900](#)  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG

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