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Part Number: [0304902002](#)
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	30490
Application	Power
Comments	Grounding Pin
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr.™ Power Connectors
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	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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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

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

Email 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 #

[0639024800](#)

2.50-2.95mm
 Optimized for 18
 AWG Only
 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
 T2 Terminator™ 0639124900
 for insulation OD
 2.30-2.60mm - 18-24
 AWG
 Hand Crimp Tool for 0638190900
 Male and Female
 Crimp Terminals,
 16-24 AWG Wire
 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
 Extraction Tool 0011030044
 T2 Terminator™ 0639115600
 for insulation OD
 1.90-2.30mm - 18-24
 AWG
 FineAdjust™ 0639002600
 Applicator for
 Insulation OD
 2.50-2.95mm, 18-24
 AWG Wire
 FineAdjust™ 0639002900
 Applicator for
 Insulation OD
 1.65-2.05mm, 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

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