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Part Number: 0304902002
Status: Active
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Jr. Crimp Grounding Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 18-24 AWG, Reel



Series image - Reference only

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	304902012 (Loose)
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

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-30490-XXX2-001

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2021)10043-DC (17 Jan 2022)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

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	Product #
Extraction Tool for Mini-Fit Jr. Terminals	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	638190901

FineAdjust Applicator for 18-20 AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	639015600
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	639023900
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	639024800
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	639024900
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG	639047800
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG	639048000
T2 Terminator for insulation OD 1.90-2.30mm - 18-24 AWG	639115600
T2 Terminator for insulation OD 1.40-1.70mm - 18-24 AWG	639123900
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	639124800
T2 Terminator for insulation OD 2.30-2.60mm - 18-24 AWG	639124900
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	639147800
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	639148000