



Part Number : [304902012](#)

Product Description : Mini-Fit Jr. Crimp Grounding Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 24-18 AWG, Bag

Series Number : 30490

Status : Active

Product Category : Crimp Terminals

Packaging Alternative : [304902002](#) (Reel)



Documents & Resources

Drawings

[304902012 sd.pdf](#)

[PK-5556-003-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	30490
Description	Mini-Fit Jr. Crimp Grounding Terminal, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 24-18 AWG, Bag
Application	Power, Wire-to-Wire
Comments	Grounding Pin
Product Name	Mini-Fit Jr.
UPC	800754373593

Electrical

Current - Maximum per Contact	9.0A
-------------------------------	------

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.153/g
Packaging Type	Bag
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 mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Use with Part(s)

Description	Part Number
Mini-Fit Jr. Plug Housings	<u>5559</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	<u>638190901</u>