



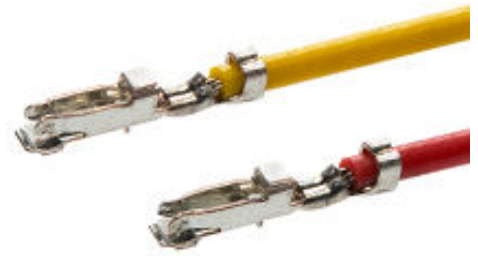
Part Number : [2016495000](#)

Product Description : Spot-On 1.5 Crimp Terminal, Female, Matte Tin (Sn) Plating, 28-24 AWG

Series Number : 201649

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[2016495000_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2016440000-A00.pdf](#)

[2016440000-A01.pdf](#)

[2016499200-200.pdf](#)

[2016440000-000.pdf](#)


[2016470000-000.pdf](#)

Tooling Specifications

[2016490000-C00.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34
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)7771-DC (04 Feb 2026)

EU RoHS	Compliant per EU 2015/863
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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	201649
Description	Spot-On 1.5 Crimp Terminal, Female, Matte Tin (Sn) Plating, 28-24 AWG
Application	Signal, Wire-to-Board
Keyword	Spot-On 1.5
Product Name	Spot-On
UPC	889056814546

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female

Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	42.000/mg
Packaging Type	Reel
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.80-1.15mm
Wire Size (AWG)	24, 26, 28
Wire Size mm ²	0.113-0.283

Mates With / Use With

Use with Part(s)

Description	Part Number
1.50mm Pitch Spot-On Wire-to-Board Dual Row Receptacle Housings	<u>201644</u>
1.50mm Pitch Spot-On Wire-to-Board Single Row Receptacle Housings	<u>201647</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Spot-On Crimp Terminals, 28-24 AWG	<u>2002185100</u>
FineAdjust Applicator for Spot-On 1.5 Female Crimp Terminal, 28-24 AWG	<u>2037020400</u>
Extraction Tool for MTC (Multi Terminal Connector) Female Terminal, 18-14 AWG	<u>638138600</u>

Japan

Description	Part Number
S-1 Applicator for 1.50mm Pitch Wire-to-Board Spot-On Receptacle Terminal, 28-24 AWG	<u>5781563700</u>

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