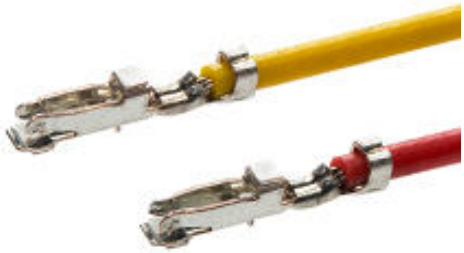
Part Number : 2016495000
Product Description : Spot-On 1.5 Crimp Terminal, Female, Matte Tin (Sn) Plating, 28-24 AWG
Series Number : 201649
Status : Active
Product Category : Crimp Terminals



Documents & 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)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	201649
Description	Spot-On 1.5 Crimp Terminal, Female, Matte Tin (Sn) Plating, 28-24 AWG
Application	Signal, Wire-to-Board
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	201644
1.50mm Pitch Spot-On Wire-to-Board Single Row Receptacle Housings	201647

Application Tooling

Global

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

Japan

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