**Part Number :** 1722490100
**Product Description :** SolderRight Right-Angle Direct Solder Terminal 16-14 AWG In-Line Mount, Matte Tin
**Series Number :** 172249
**Status :** Active
**Product Category :** Crimp Terminals



## Documents and Resources

### Drawings

1722490100_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

AS-172249-001-001.pdf

PS-172249-001-001.pdf

## 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)7771-DC (04 Feb 2026) |
| 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 172249 |
| Description | SolderRight Right-Angle Direct Solder Terminal 16-14 AWG In-Line Mount, Matte Tin |
| Application | Wire-to-Board |
| Product Name | SolderRight |
| UPC | 887191576152 |

### Agency

| | |
|---|---|
| UL | E470987 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 14.0A |

### Physical

| | |
|---|---|
| Gender | N/A |
| Material - Metal | Brass |
| Material - Plating Mating | Matte Tin |
| Material - Plating Termination | Matte Tin |
| Net Weight | 0.170/g |

| | |
|---|---|
| Packaging Type | Reel |
| Plating min - Mating | 1.524µm |
| Plating min - Termination | 1.524µm |
| Termination Interface Style | Through Hole |
| Wire Insulation Diameter | 2.40-2.79mm |
| Wire Size (AWG) | 14, 16 |
| Wire Size $mm^2$ | 1.31-2.08 |

### Solder Process Data

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

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mates With | Solder straight to PCB |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Insertion Tool for SolderRight Terminals | 638121600 |
| Hand Crimp Tool for SolderRight Board-in Terminals | 638273000 |
| FineAdjust Applicator for SolderRight In-Board Terminals | 639029700 |