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**Part Number:** [172249-0100](#)  
**Status:** **Active**  
**Overview:** SolderRight™ Direct-Solder Terminals  
**Description:** SolderRight™ Right-Angle Direct Solder Terminal 14-16 AWG In-Line Mount, Matte Tin

**Documents:**

[Drawing \(PDF\)](#) [Test Summary TS-172249-001 \(PDF\)](#)  
[Product Specification PS-172249-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-172249-001 \(PDF\)](#)

**General**

|                         |  |
|-------------------------|--|
| Product Family          | Crimp Terminals                                      |
| Series                  | <a href="#">172249</a>                               |
| Application             | Power  |
| Crimp Quality Equipment | Yes  |
| Overview                | <a href="#">SolderRight™ Direct-Solder Terminals</a> |
| Product Name            | SolderRight™   |
| UPC                     | 887191576152   |

**Physical**

|                                |              |
|--------------------------------|--------------|
| Gender                         | Male         |
| Material - Metal               | Brass        |
| Material - Plating Mating      | Matte Tin    |
| Material - Plating Termination | Matte Tin    |
| Net Weight                     | 0.109/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 mm²                  | 1.31-2.08    |

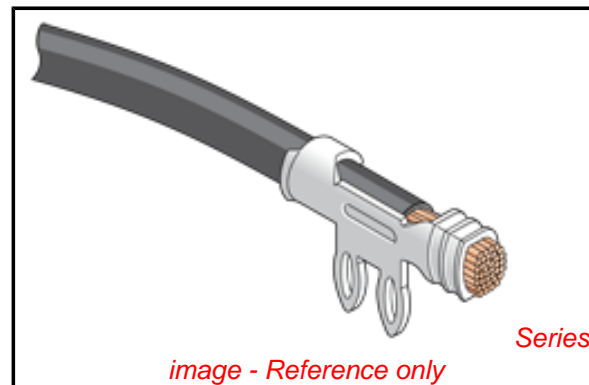
**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | 14A |
|-------------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |               |
|---------------------------|---------------|
| Application Specification | AS-172249-001 |
| Product Specification     | PS-172249-001 |
| Sales Drawing             | SD-172249-001 |
| Test Summary              | TS-172249-001 |



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[172249Series](#)

**Mates With**

Solder straight to PCB

**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 #                  |
|---|----------------------------|
| FineAdjust™   | <a href="#">0639029700</a> |
| Applicator for SolderRight™ In-Board Terminals      |                            |
| Insertion Tool for SolderRight™ Terminals           | <a href="#">0638121600</a> |
| Hand Crimp Tool for SolderRight™ Board-In Terminals | <a href="#">0638273000</a> |

This document was generated on 12/16/2014

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