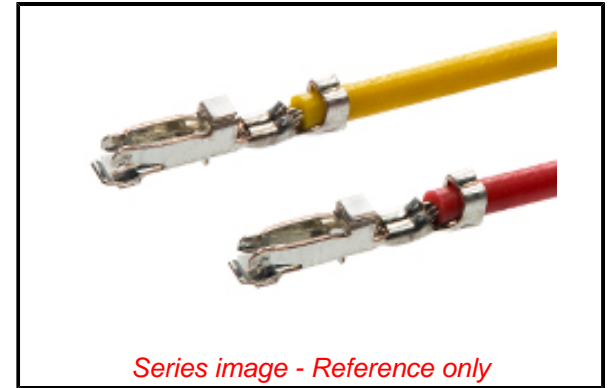


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2016495000](#)  
**Status:** **Active**  
**Overview:** [Spot-On Wire-to-Board Connector System](#)  
**Description:** [Spot-On 1.5 Crimp Terminal, Female, Matte Tin \(Sn\) Plating, 24-28 AWG](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2016440000-A00 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification 2016440000-A01 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2016499200-200 (PDF)</a>
<a href="#">Product Specification 2016440000-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2016470000-000 (PDF)</a>	



**General**

Product Family	Crimp Terminals
Series	<a href="#">201649</a>
Application	Signal, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<a href="#">Spot-On Wire-to-Board Connector System</a>
Product Name	Spot-On
UPC	889056814546

**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 <sup>2</sup>	0.113-0.283

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	2016440000-A00, 2016440000-A01
Crimp Specification	2016490000-C00
Packaging Specification	2016499200-200
Product Specification	2016440000-000, 2016470000-000
Sales Drawing	2016490000-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[201649](#) Series

**Use With**

Spot-On Receptacle Housing [201644](#) ,  
[201647](#)

**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 #**

Hand Crimp Tool [2002185100](#)

for Spot-On Crimp  
Terminals, 24-28  
AWG

FineAdjust Applicator [2037020400](#)

for Spot-On 1.5

Female Crimp

Terminal, 24-28

AWG

**Japan**

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

This document was generated on 07/13/2020

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