

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

**Part Number:** [02-09-1615](#)  
**Status:** **Active**  
**Overview:** Standard .093" Pin and Socket Connectors  
**Description:** 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 42477, Female, with Tin (Sn) Plated Contact, High Current/Low Engagement Force, 14-18 AWG, Reel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-42477 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">42477</a>
Application	Power
Comments	High Current/Low Force
Crimp Quality Equipment	Yes
Overview	<a href="#">Standard .093" Pin and Socket Connectors</a>
Packaging Alternative	<a href="#">02-09-1616 (Loose)</a>
Product Name	Standard .093"
UPC	800753684393

**Physical**

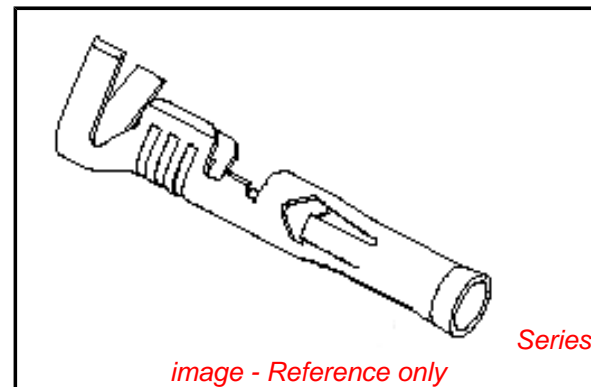
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.417/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.56mm max.
Wire Size AWG	14, 16, 18
Wire Size mm <sup>2</sup>	N/A

**Material Info**

Old Part Number 42477-0005

**Reference - Drawing Numbers**

Product Specification [PS-42477](#)  
 Sales Drawing [SD-42477-\\*\\*\\*\\*](#)



**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**

[42477Series](#)

**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	<a href="#">0638117100</a>
Fine Adjust Applicator for .093" Pin and Socket Terminals	<a href="#">0639024600</a>
FineAdjust™ Applicator for 2.63mm Pin and Socket Terminal	<a href="#">0639024700</a>
T2 Terminator for 2.00mm Pitch Wire-to-Board Crimp Terminal	<a href="#">0639124600</a>
T2 Terminator Die	<a href="#">0639124700</a>

Extractor Tool for .093 and HCS-125 Product Series	<u>0638240200</u>
Insertion Tool	<u>0011020003</u>
Extraction Tool	<u>0011030006</u>

This document was generated on 10/15/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**