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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	42477
Application	Power
Comments	High Current/Low Force
Crimp Quality Equipment	Yes
Overview	Standard .093" Pin and Socket Connectors
Packaging Alternative	02-09-1616 (Loose)
Product Name	Standard .093"
UPC	800753684393

Physical

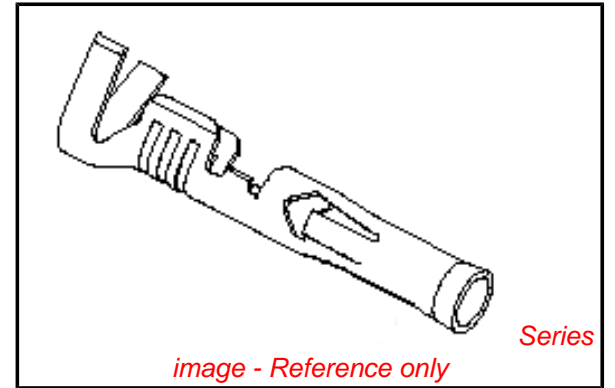
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.417/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.56mm max.
Wire Size AWG	14, 16, 18
Wire Size mm ²	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
 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	0638117100
Extractor Tool for .093 and HCS-125 Product Series	0638240200
Fine Adjust Applicator for .093" Pin and Socket Terminals	0639024600
T2 Terminator Die	0639124700
T2 Terminator for 2.00mm Pitch Wire-to-Board Crimp Terminal	0639124600

Insertion Tool	<u>0011020003</u>
Extraction Tool	<u>0011030006</u>
FineAdjust™	<u>0639024700</u>
Applicator for 2.63mm Pin and Socket Terminal	

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