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**Part Number:** [0002091615](#)  
**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-42477-001 \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">42477</a>
Application	Power, Wire-to-Wire
Comments	High Current/Low Force
Crimp Quality Equipment	Yes
Overview	<a href="#">Standard .093" Pin and Socket Connectors</a>
Product Name	Standard .093"
UPC	800753684393

**Physical**

Durability (mating cycles max)	25
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

**Electrical**

Current - Maximum per Contact	17.0A
Voltage - Maximum	250V AC (RMS)

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

Engineering Number	42477-0005
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**Reference - Drawing Numbers**

Product Specification	PS-42477-001
Sales Drawing	SD-42477-XXXX-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[42477 Series](#)

**Use With**

Standard .093 Plug or Receptacle Housings

**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 #
Insertion Tool for Standard .093" Pin and Socket Terminals	<a href="#">11020003</a>
Extraction Tool for Standard .093" Pin and Socket Terminals	<a href="#">11030006</a>
PremiumGrade Hand Crimp Tool for Standard .093"	<a href="#">638117100</a>

Pin and Socket  
Terminals 14-18  
AWG and 24-30  
AWG and Claspcn  
Crimp Terminal  
Socket 24-30 AWG  
Extractor Tool 638240200  
for .093 and  
HCS-125 Product  
Series  
FineAdjust Applicator639024600  
for .093" Pin and  
Socket Terminals  
FineAdjust Applicator639024700  
for 2.63mm Pin and  
Socket Terminal  
T2 Terminator for 639124600  
2.00mm Pitch Wire-  
to-Board Crimp  
Terminal  
T2 Terminator Die 639124700

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