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Part Number: [0002092611](#)
Status: **Active**
Overview: Standard .093" Pin and Socket Connectors
Description: 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 42478, Male, 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	42478
Application	Power, Wire-to-Wire
Comments	High Current/Low Force
Crimp Quality Equipment	Yes
Overview	Standard .093" Pin and Socket Connectors
Product Name	Standard .093"
UPC	800753684409

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.414/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

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	42478-0001
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Reference - Drawing Numbers

Product Specification	PS-42477-001
Sales Drawing	SD-42478-XXXX-001, SD-42478-XXXX-002



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

[42478 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	11020003
Extraction Tool for Standard .093" Pin and Socket Terminals	11030006
PremiumGrade Hand Crimp Tool for Standard .093"	638117100

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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