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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

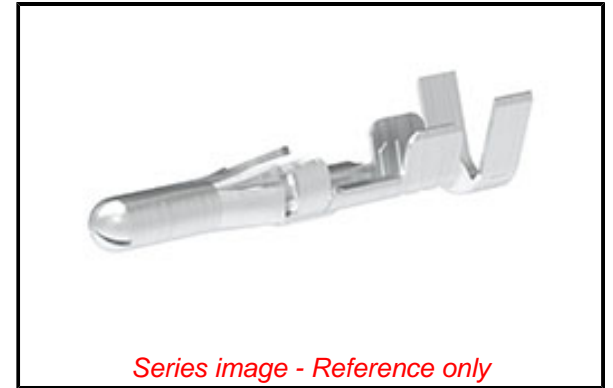
Lead-freeProcess Capability	N/A
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Material Info

Engineering Number	42478-0001
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Reference - Drawing Numbers

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



Series image - Reference only

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

[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 #
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Insertion Tool	11020003
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Extraction Tool	11030006
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Hand Crimp Tool	638117100
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Extractor Tool	638240200
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for .093 and
HCS-125 Product
Series

FineAdjust Applicator [639024600](#)

for .093" Pin and
Socket Terminals

FineAdjust Applicator 639024700
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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