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)

Series image - Reference only

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"
Taxonomy	Crimp Terminals
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 mm²	N/A

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Engineering Number	42478-0001

Reference - Drawing Numbers

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

EU ELV
Not Relevant

EU RoHS	**China RoHS**
Compliant	

REACH SVHC
Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 Claspcon Crimp Terminal Socket 24-30 AWG Extractor Tool for .093 and HCS-125 Product Series	638240200
FineAdjust Applicator for .093" Pin and Socket Terminals	639024600
FineAdjust Applicator for 2.63mm Pin and Socket Terminal	639024700
T2 Terminator for 2.00mm Pitch Wire-to-Board Crimp Terminal	639124600
T2 Terminator Die	639124700

This document was generated on 10/12/2022
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