

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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)

Product Specification PS-42477-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Crimp Quality Equipment

Overview

Product Name

UPC

Crimp Terminals

42477

Power, Wire-to-Wire

High Current/Low Force

Yes

Standard .093" Pin and Socket Connectors

Standard .093"

800753684393

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

25

Female

Brass

Tin

Tin

0.417/g

Reel

0.508µm

0.508µm

Crimp or Compression

3.56mm max.

14, 16, 18

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

17.0A

250V AC (RMS)

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Engineering Number

42477-0005

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-42477-001

SD-42477-XXXX-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	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	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 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

This document was generated on 09/14/2021
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[02-09-1615](#) [02-09-1615 \(Loose Piece\)](#)