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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

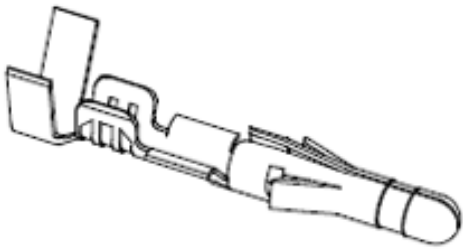
Documents:

Drawing (PDF)

Product Specification PS-42477 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	42478
Application	Power
Comments	High Current/Low Force
Crimp Quality Equipment	Yes
Overview	Standard .093" Pin and Socket Connectors
Packaging Alternative	02-09-2612 (Loose)
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 mm²	N/A
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Old Part Number	42478-0001
Reference - Drawing Numbers	
Product Specification	PS-42477
Sales Drawing	SD-42478-****



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

42478 Series

Use With

1619 Plug or Receptacle Housing,

1545 Plug or Receptacle Housing, 1396

Plug or Receptacle Housing, 1490 Plug

or Receptacle Housing, 2629 Plug or

Receptacle Crimp Housings, 1261 Plug or

Receptacle Housing, 1292 Plug or Recept

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 #

Hand Crimp Tool

0638117100

FineAdjust™

0639024600

Applicator for .093"

Pin and Socket Terminals	
Extractor Tool for .093 and HCS-125 Product Series	<u>0638240200</u>
Insertion Tool	<u>0011020003</u>
Extraction Tool	<u>0011030006</u>
FineAdjust™	<u>0639024700</u>
Applicator for 2.63mm Pin and Socket Terminal	
T2 Terminator for 2.00mm Pitch Wire- to-Board Crimp Terminal	<u>0639124600</u>
T2 Terminator Die	<u>0639124700</u>

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