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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 \(PDF\)](#)

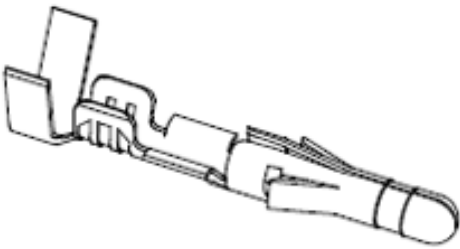
General
Product Family Crimp Terminals
Series 42478
Application Power, Wire-to-Wire
Comments High Current/Low Force
Crimp Quality Equipment Yes
Overview Standard .093" Pin and Socket Connectors
Packaging Alternative 02-09-2612 (Loose)
Product Name Standard .093"
UPC 800753684409

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
Engineering Number 42478-0001

Reference - Drawing Numbers
Product Specification PS-42477-001
Sales Drawing SD-42478-****



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
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
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

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Mouser Electronics

Authorized Distributor

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[02-09-2611](#) [02-09-2611 \(Cut Strip\)](#) [02-09-2611 \(Mouser Reel\)](#) [02-09-2611 \(Loose Piece\)](#)