molex®

one company › a world of innovation

Part Number: **0002091205**

Status: **Active**

Overview: Standard .093" Pin and Socket Connectors

Description: 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4550, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 14-20 AWG, Reel

Documents:

Drawing (PDF)   RoHS Certificate of Compliance (PDF)

Product Specification PS-02-09-001 (PDF)

Series image - Reference only

General

Product Family	Crimp Terminals
Series	4550
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Standard .093" Pin and Socket Connectors
Packaging Alternative	02091206 (Loose)
Product Name	Standard .093"
UPC	800753746084

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.330/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.65-4.06mm
Wire Size AWG	14, 16, 18, 20
Wire Size mm²	N/A

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Engineering Number	4550-A(P901)

Reference - Drawing Numbers

Product Specification	PS-02-09-001
Sales Drawing	SD-4550-X-001

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
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
4550 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 #
Insertion Tool for Standard .093" Pin and Socket Terminals	11020003
Extraction Tool for Standard .093"	11030006

Pin and Socket Terminals	
Terminator Die	11402001
Extractor Tool for .093 and HCS-125 Product Series	638240200
Mini-Mac Applicator for Standard .093" Pin and Socket Terminals, for 14-20 AWG Wire with Insulation Diameter 1.65-4.06mm	638927100
Mini-Mac Applicator for Standard .093" Pin and Socket Terminals, for 14-20 AWG Wire with Insulation Diameter 1.65-4.06mm	638927300

This document was generated on 09/13/2021
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Pin & Socket Connectors *category:*

Click to view products by Molex *manufacturer:*

Other Similar products are found below :

6450822-1 770392-1 794042-1 796885-1 8-794535-1 PLR3455ACS-222 R929991004 R929993003 1403611-1 1-480349-5 152302-5 153211-2 1586092-1 1586129-1 1586681-4 1586700-1 1586368-1 1586380-1 1586616-1 1586680-5 16-06-0038 164164-5 1-6609930-1 172296-1 19-09-2035 200503-1 200788-2 2029090-4 2029095-4 925061-7 293734-4 293737-2 1-765362-4 1871534-1 200833-4 2008625-2 2029027-2 2029096-4 R929991000 R929991002 R929993000 319-10-101-00-005000 319-10-102-00-001000 319-10-104-00-001000 319-10-105-00-001000 319-10-108-00-001000 319-10-112-00-006000 39-01-8019 319-10-101-00-001000 319-10-102-00-005000