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Part Number:

0002098103

Status:

Active

Overview:

Standard .093" Pin and Socket Connectors

Description:

2.36mm Diameter, Standard .093" Pin and Socket Crimp Grounding Terminal, Series 1973, Male, with Tin (Sn) Plated Brass Contact, 18-22 AWG, Reel

Documents:

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	1973
Application	Power, Wire-to-Wire
Comments	Grounding Pin
Crimp Quality Equipment	Yes
Overview	Standard .093" Pin and Socket Connectors
Packaging Alternative	02098104 (Loose)
Product Name	Standard .093"
UPC	800755490657
Physical	
Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.343/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.52-3.05mm
Wire Size AWG	18, 20, 22
Wire Size mm²	N/A
Material Info	
Engineering Number	1973-A(P901)
Reference - Drawing Numbers	
Product Specification	PS-02-09-001
Sales Drawing	SD-1973-X-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

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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

1973 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 11402214
Extractor Tool 638240200
for .093 and
HCS-125 Product
Series
Hand Crimp Tool for 638280100
Standard .093" Pin
and Socket Crimp
Terminals, Claspcon
Pin and Socket
Crimp Terminals,
and Commoning
Connector Crimp
Terminals, 18 AWG
Hand Crimp Tool 638281100
for Standard .093"
Pin and Socket
Terminals, Claspcon
Pin and Socket
Terminals, and
Commoning
Terminals, 20 AWG
Hand Crimp Tool for 638281300
Standard .093" Pin
and Socket Crimp
Terminals, Claspcon
Pin and Socket
Crimp Terminals,
and Commoning
Connector Crimp
Terminals, 22 AWG
Mini-Mac Applicator 638924300

Mouser Electronics

Authorized Distributor

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Molex:

[02-09-8103](#) [02-09-8103 \(Mouser Reel\)](#) [02-09-8103 \(Cut Strip\)](#)