Part Number : 02091205
Product Description : 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4550, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 20-14 AWG, Reel
Series Number : 4550
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 4550-A(P901)



Documents and Resources

Drawings

002091205_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-02-09-001.pdf

PS-43660-9999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC

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- Low-Halogen

Industry Documents
- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	4550
Description	2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4550, Female, with Tin (Sn) Plated Phosphor Bronze Contact, 20-14 AWG, Reel
Application	Power, Wire-to-Wire
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

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Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.65-4.06mm
Wire Size (AWG)	14, 16, 18, 20
Wire Size mm^2	N/A

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Standard .093" Pin and Socket Dual Row Connector Housings	1261
Standard .093" Pin and Socket 3 Row Connector Housings	1292
Standard .093" Pin and Socket Single Row Connector Housings	1396
Standard .093" Pin and Socket Single Row Connector Housings	1490
Standard .093" Pin and Socket Single Row Connector Housings	1545
Standard .093" Pin and Socket Single Row Connector Housings	1619

Application Tooling

Global

Description	Part Number
Insertion Tool for Standard .093" Pin and Socket Terminals	11020003
Extraction Tool for Standard .093" Pin and Socket Terminals	11030006
Extractor Tool for .093 and HCS-125 Product Series	638240200
Mini-Mac Applicator for Standard .093" Pin and Socket	638927100

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Terminals, for 20-14 AWG Wire with Insulation Diameter 1.65-4.06mm	
Mini-Mac Applicator for Standard .093" Pin and Socket Terminals, for 20-14 AWG Wire with Insulation Diameter 1.65-4.06mm	638927300

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