molex

Part Number : 02092166

Product Description : 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4549, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-14 AWG, Reel Packaged

Series Number : 4549

Status : Active

Product Category : Crimp Terminals

Engineering Number : 4549-(P909)

Documents & Resources

Drawings
002092166_sd.pdf

Specifications
PS-02-09-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	♻
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	4549
Description	2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 4549, Male, with Tin (Sn) Plated Phosphor Bronze Contact, 20-14 AWG, Reel Packaged
Application	Power, Wire-to-Wire
Product Name	Standard .093"
UPC	800753746121

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.414/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
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

Application Tooling

Global

Description	Part Number
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 Terminals, for 20-14 AWG Wire with Insulation Diameter 1.65-4.06mm	638927100
Mini-Mac Applicator for Standard .093" Pin and Socket Terminals, for 20-14 AWG Wire with Insulation Diameter 1.65-4.06mm	638927300

This document was generated on Apr 17, 2025