molex

Part Number : 02092118

Product Description : 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1380, Male, with Tin (Sn) Plated Brass Contact, 18-22 AWG, Bag

Series Number : 1380

Status : Active

Product Category : Crimp Terminals

Engineering Number : 1380-(P901)L

Packaging Alternative : 0002092116 (Reel)

Documents & Resources

Drawings
Drawing 002092118_sd.pdf
Packaging Design Drawing PK-1190-003-001.pdf

Specifications
Product Specification PS-02-09-001.pdf
Test Summary 11890000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	1380
Description	2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1380, Male, with Tin (Sn) Plated Brass Contact, 18-22 AWG, Bag
Application	Power, Wire-to-Wire
Product Family	Standard .093" Pin and Socket Connectors
Product Name	Standard .093"
UPC	800753746114

Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.206/g
Packaging Type	Bag
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

Solder Process Data

Lead-Free Process Capability	N/A

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
Hand Crimp Tool	0011010084
Insertion Tool for Standard .093" Pin and Socket Terminals	0011020003
Extraction Tool for Standard .093" Pin and Socket Terminals	0011030006
Hand Crimp Tool	0638191200
Extractor Tool for .093 and HCS-125 Product Series	0638240200
Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, 18 AWG	0638280900
Hand Crimp Tool for .093" Pin and Socket Crimp Terminals, 22 AWG	0638281400
Hand Crimp Tool for Standard .093" Pin and Socket Crimp Terminals, 20 AWG	0638281700