molex



Part Number : 02092170
Product Description : 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1190, Male, with Tin (Sn) Plated Brass Contact, 18-14 AWG, Large Insulation Crimp, Reel
Series Number : 42138
Status : Active
Product Category : Crimp Terminals
Engineering Part Number : 42138-(P901)

Documents and Resources

Drawings

002092170_sd.pdf

STEP AP242

SOLIDWORKS

Creo

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
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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- 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	42138
Description	2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1190, Male, with Tin (Sn) Plated Brass Contact, 18-14 AWG, Large Insulation Crimp, Reel
Application	Power, Wire-to-Wire
Product Name	Standard .093"
UPC	800753615441

Physical

Gender	Male
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.425/g
Packaging Type	Reel
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.57mm max.
Wire Size (AWG)	14, 16, 18
Wire Size mm^2	N/A

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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 3 Row Connector Housings	1360
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
Terminator Die	11402212
Extractor Tool for .093 and HCS-125 Product Series	638240200
Mini-Mac Applicator, Double 18+18 AWG Wires, One Wire Max Insulation 4.32mm and Other Wire Max Insulation 2.79mm	638933000
Mini-Mac Applicator, Insulation O.D. 2.36-4.57mm and 18 AWG SPT-3 Wires	638933100
Mini-Mac Applicator, Double	638933200

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18+18 AWG Wires, Insulation Diameter of 2.36-3.56mm Each	
Mini-Mac Applicator, Insulation O.D. 2.36-3.56mm and 18 AWG SPT-3 Wires	638933300

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