molex

Part Number : 02095100
Product Description : 2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1189, Female, with Gold (Au) Plated Brass Contact, 20-14 AWG, Reel
Series Number : 1189
Status : Active
Product Category : Crimp Terminals
Engineering Number : 1189-A(P550)
Packaging Alternative : 02095106 (Bag)

Documents & Resources

Drawings

002095100_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-02-09-001.pdf

11890000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS

- REACH SVHC
- Low-Halogen

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

<u>Substances of Interest</u>
- PFAS

<u>EU RoHS Certificate of Compliance</u>

<u>Additional Product Compliance Information</u>

Part Details

General

Status	Active
Category	Crimp Terminals
Series	1189
Description	2.36mm Diameter, Standard .093" Pin and Socket Crimp Terminal, Series 1189, Female, with Gold (Au) Plated Brass Contact, 20-14 AWG, Reel
Application	Power, Wire-to-Wire
Product Name	Standard .093"
UPC	800754229869

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.363/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	0.254µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	1.65-4.06mm
Wire Size (AWG)	14, 16, 18, 20
Wire Size mm²	N/A

Solder Process Data

Lead-Free Process Capability	N/A

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
ServiceGrade Hand Crimp Tool for Field Repair Only, 24-14 AWG	638111000
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

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