molex

Part Number : 986581211

Product Description : MOX Crimp Terminal, Female, 0.635mm, 20-24 AWG (0.22-0.60mm^2), Reel, Tin (Sn)

Series Number : 98658

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_986581211_sd.pdf

3D Models and Design Files

3D Model_986581211_stp.zip

Specifications

Application Specification_AS-500993-001-001.pdf
Application Specification_AS-501352-001-001.pdf
Application Specification_AS-98658-001-001.pdf
Application Specification_AS-98658-001-CH-001.pdf
Application Specification_AS-98944-005-001.pdf

Tooling Specifications

Crimp Specification_CS-98658-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	
EU ELV	Compliant per 2000/53/EC
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	98658
Description	MOX Crimp Terminal, Female, 0.635mm, 20-24 AWG (0.22-0.60mm^2), Reel, Tin (Sn)
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Terminal has Stainless Steel Sleeve
Product Family	MOX Products
Product Name	MOX
UPC	800753127418

Electrical

Current - Maximum per Contact	7.5A

Physical

Durability (mating cycles max)	20
Gender	Female
Material - Metal	High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Termination Interface Style	Crimp or Compression

Wire Insulation Diameter	1.20-1.80mm
Wire Size (AWG)	20, 22
Wire Size mm^2	0.22-0.60

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Use With	All 0.635mm MOX Housings

Application Tooling

Global

Description	Part Number
Hand Crimp Tool	638119300
MOX Extraction Tool	638132600
Extractor Tool for 2.80mm Crimp Terminals	638136900
Extractor Tool for 2.80mm Crimp Terminals	638137000
Extractor Tool for MOX 0.635mm Receptacle Crimp Terminals	638138400
Extractor Tool for MOX 0.635mm Receptacle Crimp Terminals	638138500
Extractor Tool for MOX 0.635mm Receptacle Crimp Terminals	638244400
FineAdjust Applicator	638666000