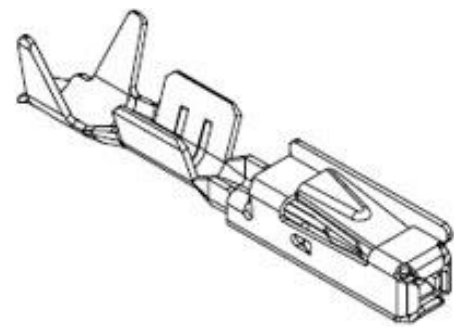# molex

Part Number : 986581221
Product Description : MOX Crimp Terminal, Female, 0.635mm, 0.22-0.60mm², Reel, Selective Gold
Series Number : 98658
Status : Active
Product Category : Crimp Terminals

Documents & Resources

Drawings

986581221_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-98658-001-001.pdf

AS-98658-001-CH-001.pdf

Tooling Specifications

CS-98658-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	⊕ per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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

Industry Documents

- IPC 1752A Class C
- 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	98658
Description	MOX Crimp Terminal, Female, 0.635mm, 0.22-0.60mm², Reel, Selective Gold
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Terminal has Stainless Steel Sleeve
Product Name	MOX
UPC	756054551394

Electrical

Current - Maximum per Contact	7.5A

Physical

Durability (mating cycles max)	20
Gender	Female
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.120/g
Packaging Type	Reel

Plating min - Mating	0.406μm
Plating min - Termination	1.016μm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.10-1.90mm
Wire Size (AWG)	N/A
Wire Size mm²	0.22-0.60

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

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

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