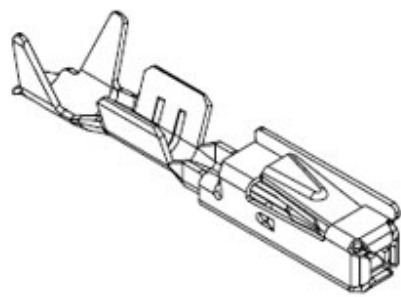




Part Number : [986581221](#)
Product Description : MOX Crimp Terminal, Female, 0.635mm, 24-20 AWG (0.22-0.60mm²), Reel, Selective Gold
Series Number : 98658
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

[Drawing 986581221_sd.pdf](#)

3D Models and Design Files

[3D Model 986581221_stp.zip](#)

Specifications

[Application Specification AS-98658-001-001.pdf](#)
[Application Specification AS-98658-001-CH-001.pdf](#)

Tooling Specifications

[Crimp Specification CS-98658-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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(2024)4144-DC (27 June 2024)
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, 24-20 AWG (0.22-0.60mm ²), Reel, Selective Gold
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Terminal has Stainless Steel Sleeve
Product Family	MOX Products
Product Name	MOX
UPC	756054551394

Electrical

Current - Maximum per Contact	7.5A
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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	1.20-1.80mm
Wire Size (AWG)	20, 22
Wire Size mm ²	0.22-0.60

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Use With	All 0.635mm MOX Housings

Application Tooling

Global

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