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Part Number:

0986581213

Status:

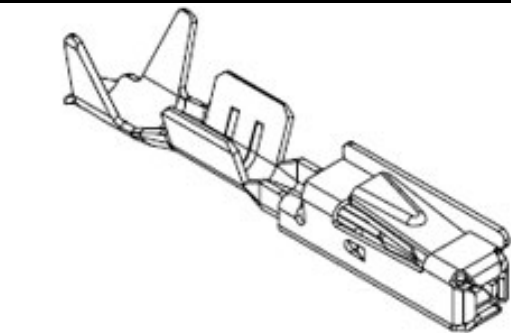
Active

Overview:

MOX Products

Description:

MOX Crimp Terminal, Female, 0.635mm, 20-24 AWG (0.22-0.50mm²), Reel, Tin (Sn)



Series image - Reference only

Documents:	
3D Model	Application Specification AS-98658-001-001 (PDF)
Drawing (PDF)	Application Specification AS-98658-001-CH-001 (PDF)
3D Model (PDF)	Packaging Specification 313025040-000 (PDF)
Product Specification PS-98658-005-001 (PDF)	Packaging Specification PK-98658-006-001 (PDF)
Application Specification 989820002-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	98658
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Terminal has Stainless Steel Sleeve, Terminal has Stainless Steel Sleeve
Crimp Quality Equipment	Yes
Overview	MOX Products
Product Name	MOX
UPC	800756560977
Physical	
Durability (mating cycles max)	20
Gender	Female
Material - Metal	Copper-Nickel-Silicon, Stainless Steel
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.110/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.20-1.50mm
Wire Size AWG	20, 22
Wire Size mm²	0.32-0.51
Electrical	
Current - Maximum per Contact	7.5A
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	989820002-AS-000, AS-98658-001-001, AS-98658-001-CH-001
Crimp Specification	CS-98658-001-001
Packaging Specification	313025040-000, PK-98658-006-001
Product Specification	PS-98658-005-001
Sales Drawing	SD-98658-004

EU ELV	
Compliant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/88/2018 (15	
January 2019)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

98658 Series

Use With

all 0.635mm MOX Housings

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

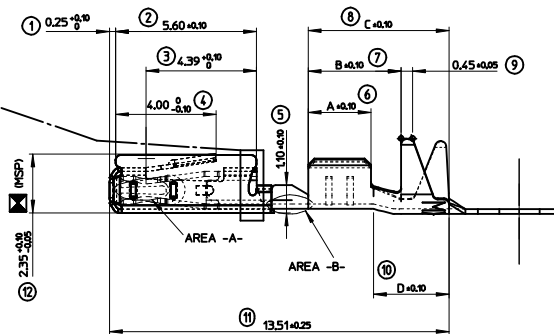
Global	
Description	Product #
Hand Crimp Tool	638119300
MOX Extraction Tool	638132600
Extractor Tool for 2.80mm Crimp Terminals	638136900
Extractor Tool for 2.80mm Crimp Terminals	638137000
Extractor Tool for MOX 0.635mm	638138400

Receptacle Crimp Terminals	
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>638666100</u>

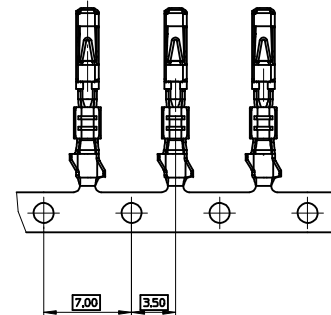
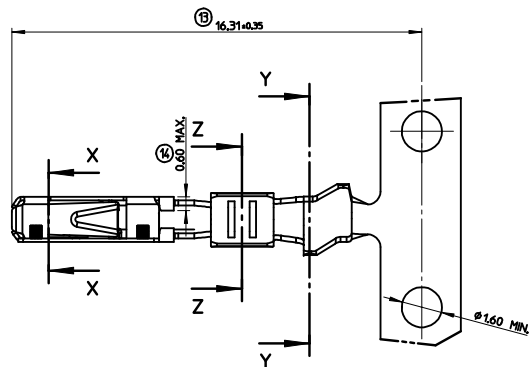
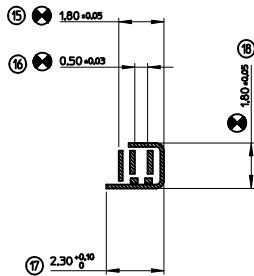
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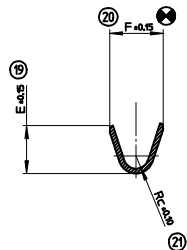
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ALLOWED VERSION



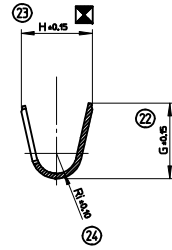
X-X



Z-Z



Y-Y



	MOLEX REFERENCE	AREA -A- (GAP AREA)	AREA -B-	CRIMPING AREA	Wire size range	Longeurs Length	Serlesage Conducteur Wire Crimp	Serlesage Isolatant Insulation Crimp	Poids Weight
TIN PLATED VERSION	0986581211	HOT TIN DIP Sn = 1.0 to 3.0 μ m			0.22 to 0.60 mm ²	A=2.50 B=3.70 C=5.60 D=3.00	E=1.90 F=2.10 Rc=0.50	G=2.90 H=2.80 Ri=0.80	0.1600 g
GOLD PLATED VERSION	0986581221	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.		Sn = 1.0 to 5.0 μ m MIN. Ni = 1.0 μ m MIN.					
GOLD PLATED VERSION	0986581231	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.	Sn = 1.0 to 5.0 μ m MIN. Ni = 1.0 μ m MIN.					
TIN PLATED VERSION	0986581212	HOT TIN DIP Sn = 1.0 to 3.0 μ m			0.75 mm ²	A=2.80 B=3.70 C=5.60 D=2.70	E=2.25 F=2.25 Rc=0.50	G=2.90 H=2.80 Ri=0.80	0.1600 g
GOLD PLATED VERSION	0986581222	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.		Sn = 1.0 to 5.0 μ m MIN. Ni = 1.0 μ m MIN.					
GOLD PLATED VERSION	0986581232	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.	Sn = 1.0 to 5.0 μ m MIN. Ni = 1.0 μ m MIN.					
TIN PLATED VERSION	0986581213	HOT TIN DIP Sn = 1.0 to 3.0 μ m			0.22 to 0.50 mm ²	A=2.50 B=3.70 C=5.60 D=3.00	E=1.80 F=1.80 Rc=0.40	G=2.30 H=2.30 Ri=0.70	0.1600 g
GOLD PLATED VERSION	0986581223	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.		Sn = 1.0 to 5.0 μ m MIN. Ni = 1.0 μ m MIN.					
GOLD PLATED VERSION	0986581233	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.	Au= 0.4 μ m MIN. Ni= 1.0 μ m MIN.	Sn = 1.0 to 5.0 μ m MIN. Ni = 1.0 μ m MIN.					

NOTE:

- MATERIAL: CONTACT BODY: HIGH CONDUCTIVE COPPER ALLOY.
SLEEVE: STAINLESS STEEL.
- PACKAGING SPECIFICATION: PK-98658-006.
- CRIMPING PARAMETERS AND CRIMPING TOOL DEFINITION: SEE CS-98658-001.

INDICATION DIMENSIONS S.P.C. DENOTES S.P.C. DIMENSIONS	INDICATION DIMENSIONS DETERMINANT LES CAPACITES MACHINE	INDICATION DIMENSIONS DETERMINANT LES MACHINE'S ABILITIES	INDICATION DIMENSIONS FONCTIONNELLES DENOTES FUNCTIONAL DIMENSIONS
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2	4	0	0

DRAWING LOCATION SLEEVE MOVED LEC NO: G2014-0197 DRAWING LESS IS CHYK-MANDRE APPR: JDUCCLOS 2014/03/07 2014/03/07 2014/04/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 10:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION	TITLE MOX 0.63 TERMINAL RECEPTACLE TERMINAL GENERIC CONTROL DRAWING	DOCUMENT NO. SD-98658-004	SHEET NO. 1 OF 1
REV J1	DESCRIPTION	4 PLACES ± --- ± ---	DRAWN BY JTAMSSON	DATE 1998/06/01	SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		3 PLACES ± --- ± ---	CHECKED BY MANDRE	DATE 1999/10/14					
		2 PLACES ± 0. ± ---	APPROVED BY CBOUCHAN	DATE 1999/10/14					
		1 PLACE ± 0. ± ---							
		0 PLACE ± 0. ±							
		ANGULAR ±1/2°							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							