

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0986581212

Status:

Active

Overview:

[mox_crimp_terminals](#)

Description:

MOX Crimp Terminal, Female, 0.635mm (.025"), 18-22 AWG (0.75mm²;), Reel, Tin (Sn)

Documents:

[Packaging Specification \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification PS-98658-005 \(PDF\)](#)

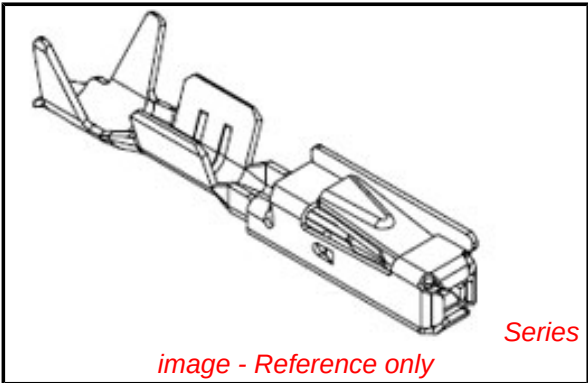
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	98658
Comments	Terminal has Stainless Steel Sleeve
Crimp Quality Equipment	Yes
Overview	mox_crimp_terminals
Product Name	MOX
Physical	
Durability (mating cycles max)	20
Gender	Female
Material - Metal	Copper-Nickel-Silicon, Stainless Steel
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	40.00
Plating min: Mating (µm)	1.000
Plating min: Termination (µin)	40.00
Plating min: Termination (µm)	1.00
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.70mm (.067") max.
Wire Size AWG	N/A
Wire Size mm²	0.75

Electrical	
Current - Maximum per Contact	7.5A

Material Info

Reference - Drawing Numbers	
Application Specification	AS-98944-005
Packaging Specification	PK-98658-006
Product Specification	PS-98658-005
Sales Drawing	SD-98658-004



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

98658Series

Use With

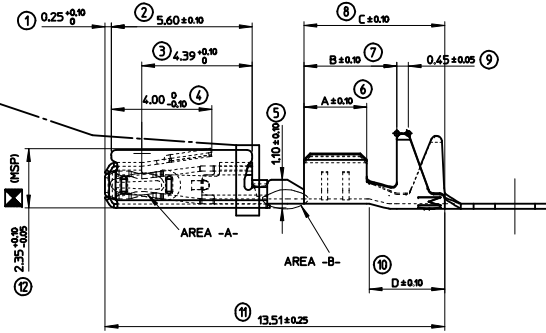
all 0.635mm (.025") MOX Housings

Application Tooling FAQ	
<i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Global	
Description	Product #
Extractor Tool for 2.8mm Crimp Terminals	0638136900
Extractor Tool for 2.8mm Crimp Terminals	0638137000
FineAdjust™ Applicator	0638667000
Hand Crimp Tool	0638119300
MOX Extraction Tool	0638132600

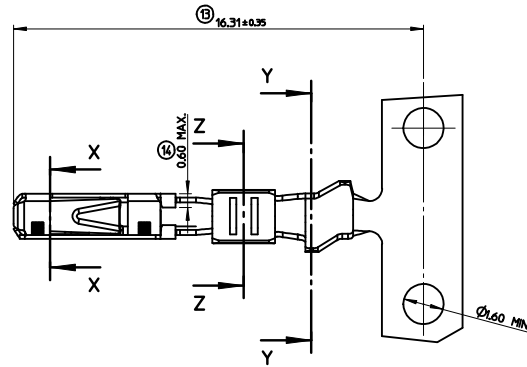
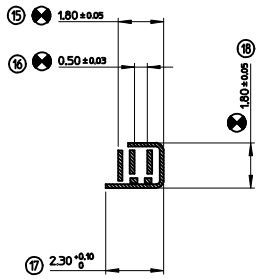
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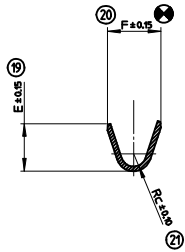
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ALLOWED VERSION



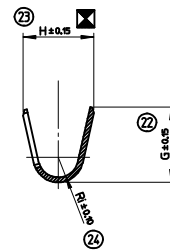
X-X



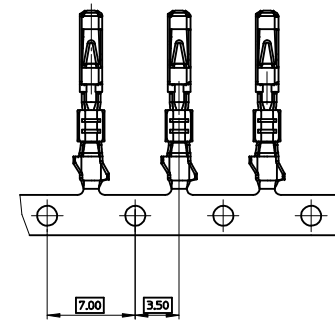
Z-Z



Y-Y



MOLEX REFERENCE	AREA -A- (GAP AREA)	AREA -B-	CRIMPING AREA	Wire size range	Longeure Length	Seriesage Conductor Wire Crimp	Seriesage Isolant Insulation Crimp	Poids Weight
TIN PLATED VERSION	0986581211	HOT TIN DP Sn = 10 to 30 Hs						
GOLD PLATED VERSION	0986581221	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Sn = 10 to 5.0 Hs MIN. Ni = 1.0 Hs MIN.	0.22 to 0.60 mm2	A=250 B=370 C=560 D=300	E=190 F=210 Rc=0.50	G=290 H=280 Rb=0.80	0.6000 g
GOLD PLATED VERSION	0986581231	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Sn = 10 to 5.0 Hs MIN. Ni = 1.0 Hs MIN.				
TIN PLATED VERSION	0986581212	HOT TIN DP Sn = 10 to 30 Hs						
GOLD PLATED VERSION	0986581222	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Sn = 10 to 5.0 Hs MIN. Ni = 1.0 Hs MIN.	0.75 mm2	A=280 B=370 C=560 D=270	E=225 F=225 Rc=0.50	G=290 H=280 Rb=0.80	
GOLD PLATED VERSION	0986581232	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Sn = 10 to 5.0 Hs MIN. Ni = 1.0 Hs MIN.				
TIN PLATED VERSION	0986581213	HOT TIN DP Sn = 10 to 30 Hs						
GOLD PLATED VERSION	0986581223	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Sn = 10 to 5.0 Hs MIN. Ni = 1.0 Hs MIN.	0.22 to 0.50 mm2	A=250 B=370 C=560 D=300	E=180 F=180 Rc=0.40	G=230 H=230 Rb=0.70	
GOLD PLATED VERSION	0986581233	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Au= 0.4 Hs MIN. Ni= 1.0 Hs MIN.	Sn = 10 to 5.0 Hs MIN. Ni = 1.0 Hs 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
QUANTITE PAR FEUILLE INDIVIDUELLE QUANTITY PER INDIVIDUAL SHEET	
2	4

CHANGED IN: E & F FOR 0.5 mm EC NO: G2008-0492 DRAWN BY: 2008/12/04 CHKD BY: 2008/12/02 APPROVED BY: 2008/12/08	DESCRIPTION	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		
		mm	INCH	DRAWN BY JAMSSON	DATE 1998/06/01	MATERIAL NO.					
				4 PLACES ± ---	± ---	CHECKED BY MANDRE	DATE 1999/10/14	SHEET NO. 1 OF 1		MOX MOLEX INCORPORATED	SD-98658-004
				3 PLACES ± ---	± ---	APPROVED BY CBOUCHAN	DATE 1999/10/14	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				2 PLACES ± 0.	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART			
				1 PLACE ± 0.	± ---	ANGULAR ± 1/2°					