

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0986581223

Status:

Active

Overview:

mox_crimp_terminals

Description:

MOX Crimp Terminal, Female, 0.635mm (.025"), 20-24 AWG (0.22-0.50mm²), Reel, Selective Gold

Documents:

Packaging Specification (PDF)

RoHS Certificate of Compliance (PDF)

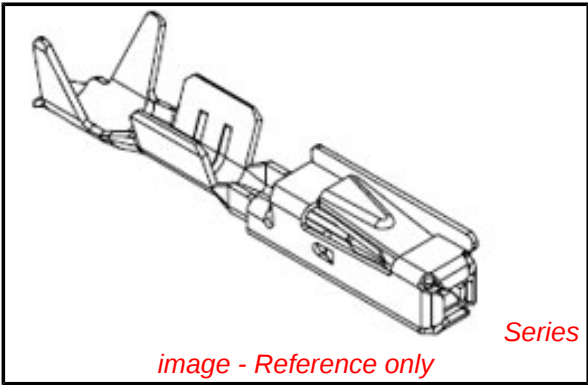
Drawing (PDF)

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	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	16.00
Plating min: Mating (µm)	0.40
Plating min: Termination (µin)	40.00
Plating min: Termination (µm)	1.00
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.20-1.50mm (.047-.059")
Wire Size AWG	N/A
Wire Size mm²	0.22 TO 0.50

Electrical	
Current - Maximum per Contact	7.5A

Material Info

Reference - Drawing Numbers	
Packaging Specification	PK-98658-006
Sales Drawing	SD-98658-004



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

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

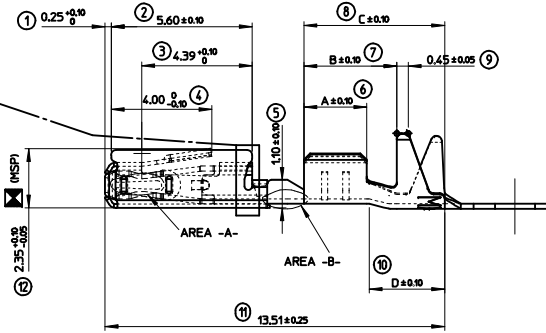
Global

Description	Product #
Extractor Tool for 2.8mm Crimp Terminals	0638136900
Extractor Tool for 2.8mm Crimp Terminals	0638137000
FineAdjust™ Applicator	0638666100
Hand Crimp Tool	0638119300
MOX Extraction Tool	0638132600

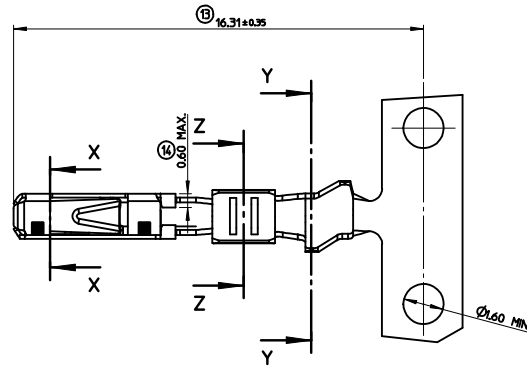
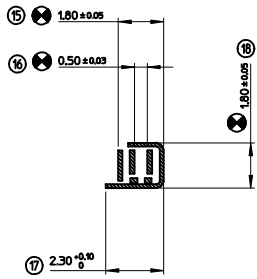
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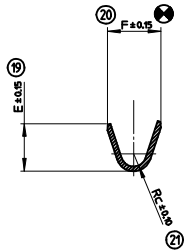
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ALLOWED VERSION



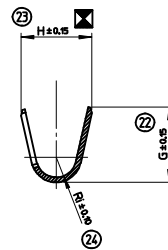
X-X



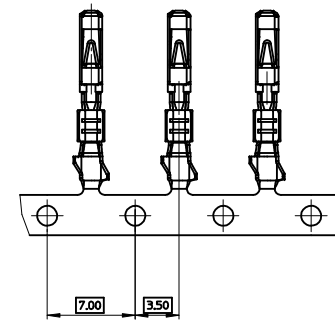
Z-Z



Y-Y



MOLEX REFERENCE	AREA -A- (GAP AREA)	AREA -B-	CRIMPING AREA	Wire size range	Longeure Length	Seriesage Conductor Wire Crimp	Seriesage Isolation 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-050	G-290 H-280 Rb-080	
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-050	G-290 H-280 Rb-080	0.600 g
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-040	G-230 H-230 Rb-070	
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: GZ008-0492 DRAWN BY: JAMSSON CHECKED BY: CHKD-MANDRE APPROVED BY: CBOUCHAN DATE: 2008/12/04 DATE: 2008/12/02 DATE: 2008/12/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION		
			mm	INCH	DRAWN BY JAMSSON	DATE 1998/06/01	TITLE MOX 0.63 TERMINAL RECEPTACLE TERMINAL GENERIC CONTROL DRAWING MOLEX MOLEX INCORPORATED			
		4 PLACES	± ---	± ---	CHECKED BY MANDRE	DATE 1999/10/14				
		3 PLACES	± ---	± ---	APPROVED BY CBOUCHAN	DATE 1999/10/14				
		2 PLACES	± 0.	± 0.	DOCUMENT NO. SD-98658-004					
		1 PLACE	± 0.	± 0.	SHEET NO. 1 OF 1					
		ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SD-98658-004		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		SIZE A1								