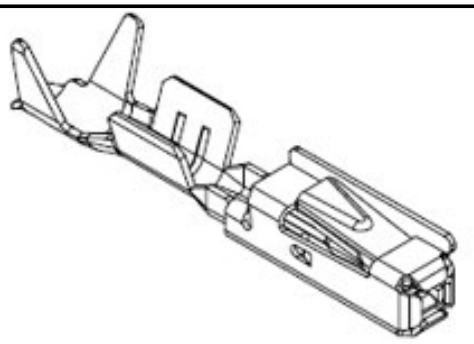
This document was generated on 05/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0986581221
Status: Active
Overview: mox_crimp_terminals
Description: MOX Crimp Terminal, Female, 0.635mm (.025"), 20-24 AWG (0.22-0.60mm²;), Reel, Selective Gold



Series image - Reference only

Documents:
Packaging Specification (PDF)
Drawing (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	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	1.20-1.80mm (.047-.071")
Wire Size AWG	N/A
Wire Size mm²	0.22 TO 0.60

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.

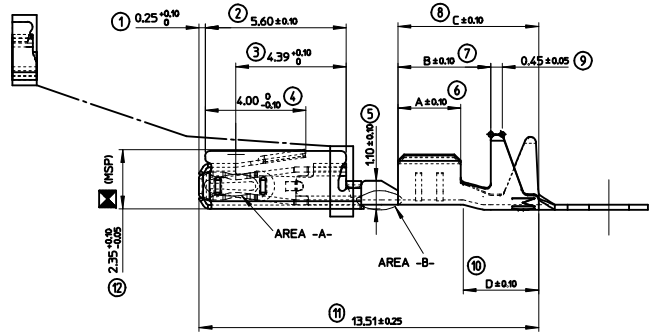
Global

Description	Product #
Extractor Tool for 2.8mm Crimp Terminals	0638136900
Extractor Tool for 2.8mm Crimp Terminals	0638137000
FineAdjust™ Applicator	0638666000
Hand Crimp Tool	0638119300
MOX Extraction Tool	0638132600

This document was generated on 05/31/2010

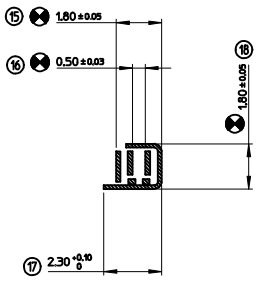
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

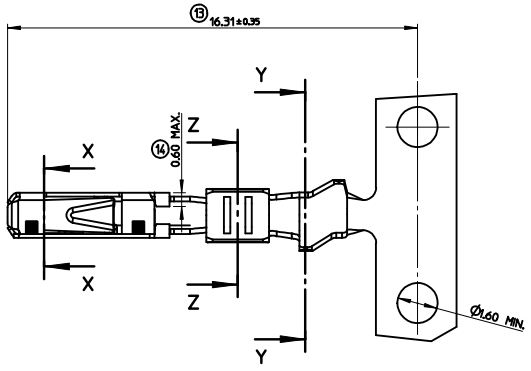
FORME ADMISE
ALLOWED VERSION

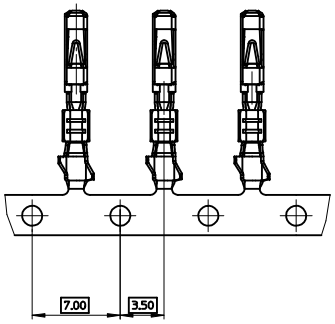


	MOLEX REFERENCE	AREA -A- (GAP AREA)	AREA -B-	CRIMPING AREA	Wire size range	Longueur Length	Sertissage Conducteur Wire Crimp	Sertissage Isolant Insulation Crimp	Poids Weight
TIN PLATED VERSION	0986581211	HOT TIN DIP Sn - 1.0 to 3.0 Ma			0.22 to 0.60 mm2	A=2.50 B=3.70 C=5.60 D=3.00	E=1.90 F=2.10 Rc=0.50	G=2.90 H=2.80 Ri=0.80	0.1600 g
GOLD PLATED VERSION	0986581221	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.		Sn = 1.0 to 5.0 Ma MIN. Ni = 1.0 Ma MIN.					
GOLD PLATED VERSION	0986581231	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.	Sn = 1.0 to 5.0 Ma MIN. Ni = 1.0 Ma MIN.					
TIN PLATED VERSION	0986581212	HOT TIN DIP Sn - 1.0 to 3.0 Ma			0.75 mm2	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	
GOLD PLATED VERSION	0986581222	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.		Sn = 1.0 to 5.0 Ma MIN. Ni = 1.0 Ma MIN.					
GOLD PLATED VERSION	0986581232	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.	Sn = 1.0 to 5.0 Ma MIN. Ni = 1.0 Ma MIN.					
TIN PLATED VERSION	0986581213	HOT TIN DIP Sn - 1.0 to 3.0 Ma			0.22 to 0.50 mm2	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	
GOLD PLATED VERSION	0986581223	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.		Sn = 1.0 to 5.0 Ma MIN. Ni = 1.0 Ma MIN.					
GOLD PLATED VERSION	0986581233	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.	Au= 0.4 Ma MIN. Ni= 1.0 Ma MIN.	Sn = 1.0 to 5.0 Ma MIN. Ni = 1.0 Ma MIN.					

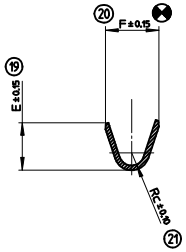
X-X



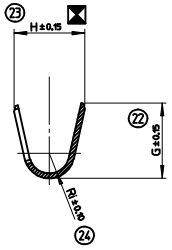




Z-Z



Y-Y



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 CAPABILITES MACHINE DENOTES DIMENSIONS DETERMINING THE MACHINE'S ABILITIES
INDICATION DIMENSIONS FONCTIONNELLES DENOTES FUNCTIONAL DIMENSIONS
QUANTITE PAR FEUILLE INDIVIDUELLE QUANTITY PER INDIVIDUAL SHEET
⊠ = 2 ⊗ = 4 ● = 0

CHANGED DIM. E & F FOR 0.75 mm2
EC NO: G2008-0492 2008/12/01
DRWN:PGRANDCL 2008/12/02
CHKD:MANDRE 2008/12/08
APPR:LSTICKEIR
REV DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.	± ---
1 PLACE	± 0.	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 10:1
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

		DATE
DRAWN BY	JTAMSSON	1998/06/01
CHECKED BY	MANDRE	1999/10/14
APPROVED BY	CBOUCHAN	1999/10/14

TITLE: MOX 0.63 TERMINAL RECEPTACLE TERMINAL GENERIC CONTROL DRAWING

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-98658-004
SHEET NO.: 1 OF 1

SIZE A1

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