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Part Number:

0986581211

Status:

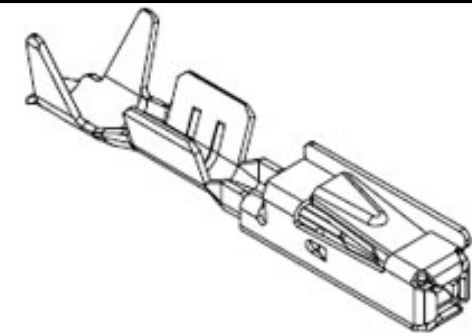
Active

Overview:

[mox_crimp_terminals](#)

Description:

MOX Crimp Terminal, Female, 0.635mm (.025"), 20-24 AWG (0.22-0.60mm²), Reel, Tin (Sn)



Series

image - Reference only

Documents:

- [Packaging Specification \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-500993-002 \(PDF\)](#)
- [Product Specification PS-98658-005 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Comments

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

98658

Terminal has Stainless Steel Sleeve

Yes

[mox_crimp_terminals](#)

MOX

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

20

Female

High Performance Alloy (HPA), Stainless Steel

Tin

Tin

Reel

40.00

1.00

40.00

1.00

Crimp or Compression

1.20-1.80mm (.047-.071")

N/A

0.22 TO 0.60

Electrical

Current - Maximum per Contact

7.5A

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

AS-500993-001, AS-500993-002, AS-98944-005

PK-98658-006

PS-500993-002, PS-98658-005, RPS-500993-001

SD-98658-004

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status

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.

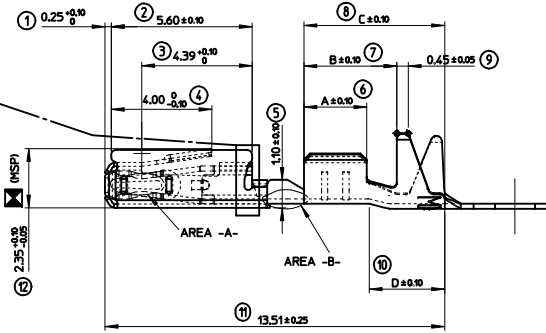
Global

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

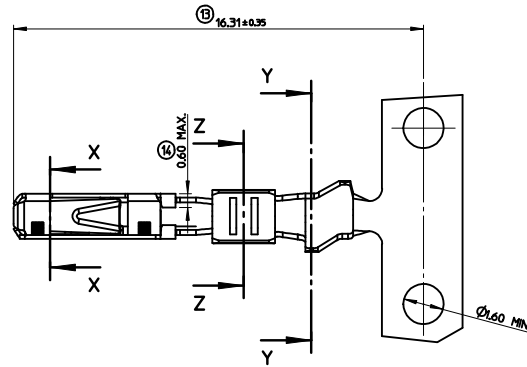
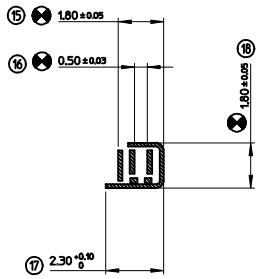
This document was generated on 05/31/2010

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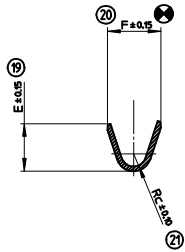
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ALLOWED VERSION



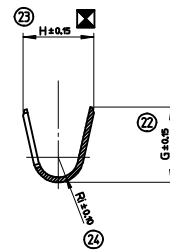
X-X



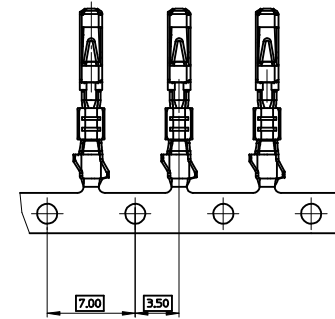
Z-Z



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	
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	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=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
0	0

CHANGED IN: E & F FOR 0.5 mm2 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	MOX 0.63 TERMINAL RECEPTACLE TERMINAL GENERIC CONTROL DRAWING MOLEX INCORPORATED
		mm	INCH	DRAWN BY JAMSSON	DATE 1998/06/01	MATERIAL NO.			
		4 PLACES ± --- ± ---		CHECKED BY MANDRE	DATE 1999/10/14	DOCUMENT NO. SD-98658-004			
		3 PLACES ± --- ± ---		APPROVED BY CBOUCHAN	DATE 1999/10/14	SHEET NO. 1 OF 1			
		2 PLACES ± 0. ± ---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE ± 0. ± ---		ANGULAR ± 1/2°					