

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0334680001

Status:

Active

Overview:

mx64_sealed_single_row_connectors

Description:

2.54mm (.100") Pitch MX64™ Terminal, Tin (Sn) Plating, 22 AWG, Right Reel Payoff, Also used with MX123™ Female Receptacle Housing

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Crimp Terminals

Series

33468

Comments

Right Reel Payoff

Crimp Quality Equipment

Yes

Overview

mx64_sealed_single_row_connectors

Product Name

MX123, MX64™

Physical

Gender

Female

Material - Metal

Copper

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Packaging Type

Reel

Plating min: Mating (µin)

100

Plating min: Mating (µm)

2.5

Plating min: Termination (µin)

76

Plating min: Termination (µm)

1.90

Termination Interface: Style

Crimp or Compression

Wire Insulation Diameter

1.50-2.06mm (.059-.081")

Wire Size AWG

22

Wire Size mm²

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-30907-759, PK-31300-516

Sales Drawing

SD-33468-001

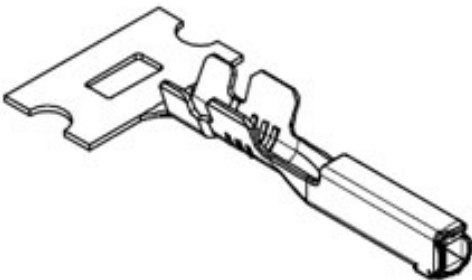


image - Reference only

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

33468Series

Use With

MX64™ Sealed Single Row Crimp Housing
31403 , MX123™ Female Receptacle
Housing 34566 , 34576

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

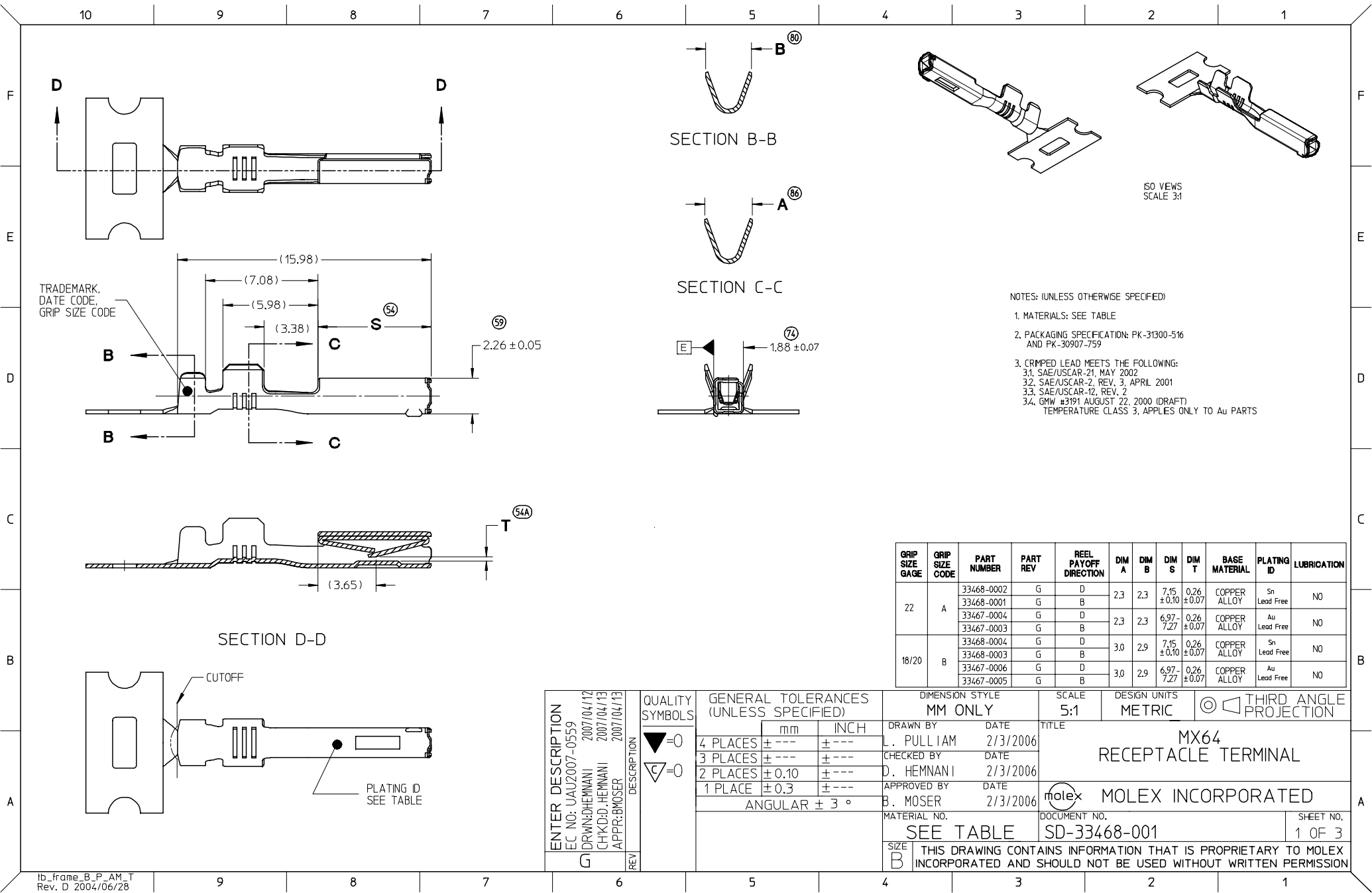
Product #

Hand Crimp Tool

0638114200

Manual Extraction Tool

0638131400

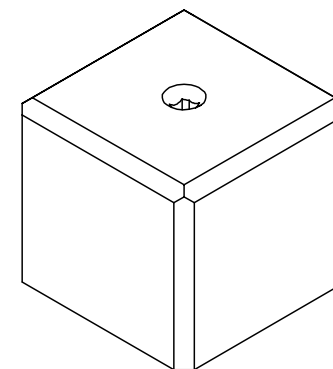


- NOTES: (UNLESS OTHERWISE SPECIFIED)
- 1. MATERIALS: SEE TABLE
 - 2. PACKAGING SPECIFICATION: PK-31300-516 AND PK-30907-759
 - 3. CRIMPED LEAD MEETS THE FOLLOWING:
 - 3.1. SAE/USCAR-21, MAY 2002
 - 3.2. SAE/USCAR-2, REV. 3, APRIL 2001
 - 3.3. SAE/USCAR-12, REV. 2
 - 3.4. GMW #3191 AUGUST 22, 2000 (DRAFT) TEMPERATURE CLASS 3, APPLIES ONLY TO Au PARTS

GRIP SIZE GAGE	GRIP SIZE CODE	PART NUMBER	PART REV	REEL PAYOFF DIRECTION	DIM A	DIM B	DIM S	DIM T	BASE MATERIAL	PLATING ID	LUBRICATION
22	A	33468-0002	G	D	2.3	2.3	7.15 ± 0.10	0.26 ± 0.07	COPPER ALLOY	Sn Lead Free	NO
		33468-0001	G	B	2.3	2.3	6.97 ± 0.10	0.26 ± 0.07	COPPER ALLOY	Au Lead Free	NO
		33467-0003	G	B	2.3	2.3	6.97 ± 0.10	0.26 ± 0.07	COPPER ALLOY	Au Lead Free	NO
18/20	B	33468-0004	G	D	3.0	2.9	7.15 ± 0.10	0.26 ± 0.07	COPPER ALLOY	Sn Lead Free	NO
		33468-0003	G	B	3.0	2.9	6.97 ± 0.10	0.26 ± 0.07	COPPER ALLOY	Au Lead Free	NO
		33467-0006	G	D	3.0	2.9	6.97 ± 0.10	0.26 ± 0.07	COPPER ALLOY	Au Lead Free	NO

ENTER DESCRIPTION EC NO: UAU2007-0559 DRAWN:HEMNANI 2007/04/12 CHKD:D. HEMNANI 2007/04/13 APPR:BMOSER 2007/04/13 REV G			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		
			▽=0		mm INCH		DRAWN BY DATE		TITLE MX64 RECEPTACLE TERMINAL						
			C=0		4 PLACES ± --- ± ---		L. PULLIAM 2/3/2006								
					3 PLACES ± --- ± ---		CHECKED BY DATE								
					2 PLACES ±0.10 ± ---		D. HEMNANI 2/3/2006								
					1 PLACE ±0.3 ± ---		APPROVED BY DATE								
		ANGULAR ± 3 °		B. MOSER 2/3/2006		MOLEX MOLEX INCORPORATED									
						MATERIAL NO.				DOCUMENT NO.				SHEET NO.	
						SEE TABLE				SD-33468-001				1 OF 3	
						SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

SUPPLIER CHECKING AID TOOLING	
PART NUMBER	DESCRIPTION
63867-3008	MX64 CRIMPED LEAD STRAIGHTNESS CHECKING AID FOR 18 AWG, 20 AWG AND 22 AWG



- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL: STEEL 4140 PREHARDENED
 2. FINISH:
2.1 SURFACE: BLACK OXIDE
2.2 INSIDE PROFILE: POLISH
 3. ALL DIMENSIONS ON THIS SHEET ARE IN INCHES
 4. TOLERANCES ON THIS SHEET ARE IN INCHES
2 PLACES $\pm .01$
3 PLACES $\pm .005$
4 PLACES $\pm .0002$

CRIMPED LEAD STRAIGHTNESS CHECKING AID FOR 18 AWG, 20 AWG AND 22 AWG

THIS SHEET APPLIES TO
RECEPTACLE CRIMPED LEAD ONLY

ENTER DESCRIPTION EC NO: UAU2007-0559 DRAWN BY: CHKDD.HEMNANI 2007/04/12 CHECKED BY: CHKDD.HEMNANI 2007/04/13 APPR: BMOSER		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
REV	DESCRIPTION	▽=0 ▽=0		mm	INCH	DRAWN BY L. PULLIAM	DATE 2/3/2006	TITLE MX64 RECEPTACLE TERMINAL					
			4 PLACES	± ---	± ---	CHECKED BY D. HEMNANI	DATE 2/3/2006						
			3 PLACES	± ---	± ---	APPROVED BY B. MOSER	DATE 2/3/2006	MOLEX INCORPORATED					
			2 PLACES	± 0.10	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-33468-001					SHEET NO. 3 OF 3	
			1 PLACE	± 0.3	± ---	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	ANGULAR ± 3 °												