

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0334670004

Status:

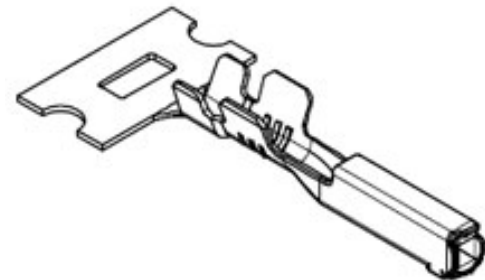
Active

Overview:

mx64_sealed_single_row_connectors

Description:

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



Series

image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	33467
Comments	Left 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	Gold
Packaging Type	Reel
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
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

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.

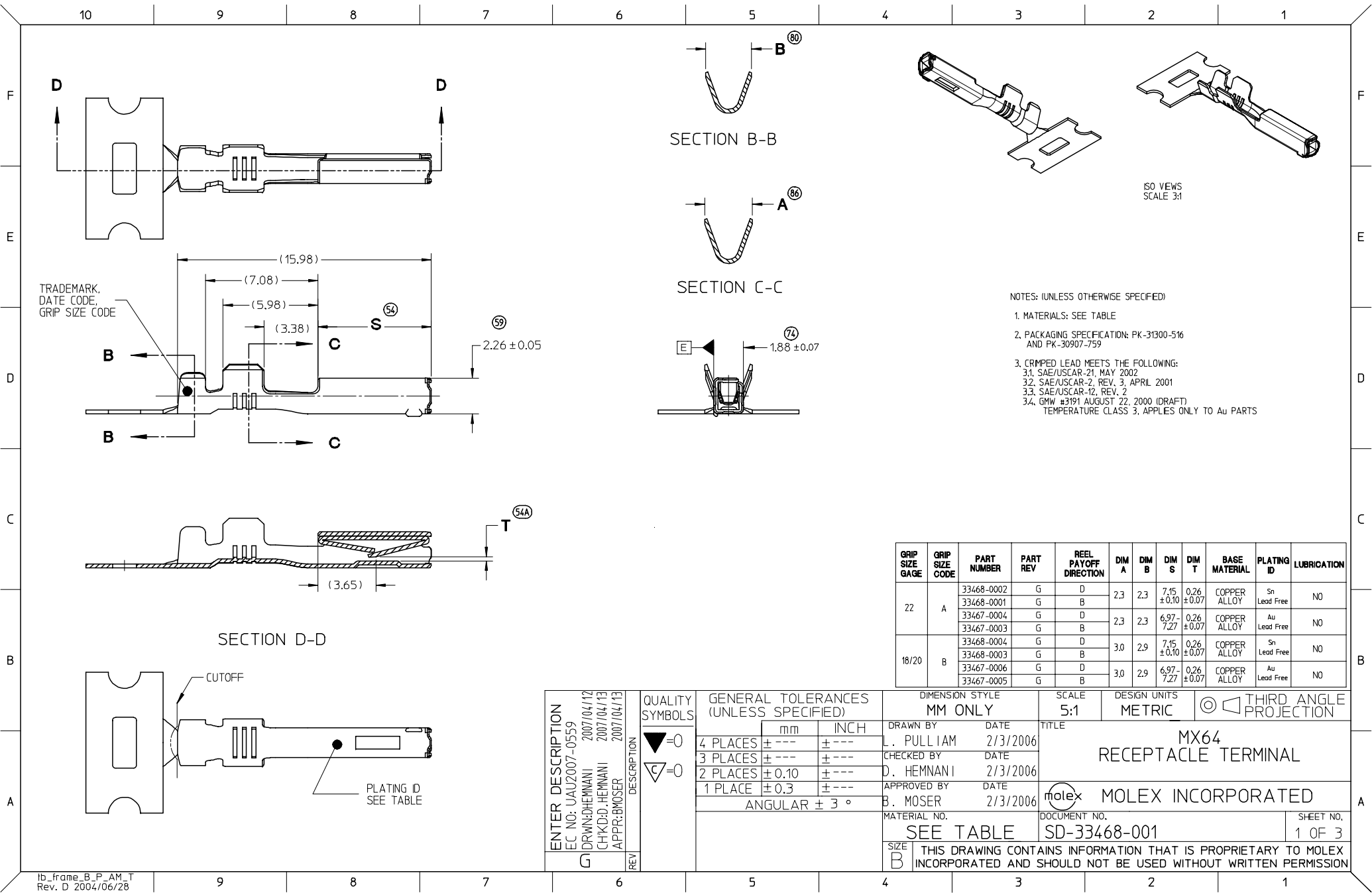
Search Parts in this Series
33467Series

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
FineAdjust™ Applicator	0638673100

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



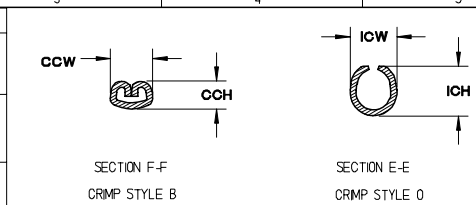
- NOTES: (UNLESS OTHERWISE SPECIFIED)
- 1. MATERIALS: SEE TABLE
 - 2. PACKAGING SPECIFICATION: PK-31300-516 AND PK-30907-759
 - 3. CRIMPED LEAD MEETS THE FOLLOWING:
 - 3.1. SAE/USCAR-21, MAY 2002
 - 3.2. SAE/USCAR-2, REV. 3, APRIL 2001
 - 3.3. SAE/USCAR-12, REV. 2
 - 3.4. GMW #3191 AUGUST 22, 2000 (DRAFT) 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
		33467-0005	G	B	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	DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE MX64 RECEPTACLE TERMINAL			
			4 PLACES ± ---	± ---	L. PULLIAM	2/3/2006				
			3 PLACES ± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED			
			2 PLACES ± 0.10	± ---	D. HEMNANI	2/3/2006				
			1 PLACE ± 0.3	± ---	APPROVED BY	DATE	MATERIAL NO. SEE TABLE			
ANGULAR ± 3 °		B. MOSER	2/3/2006	DOCUMENT NO. SD-33468-001						
								SHEET NO. 1 OF 3		
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

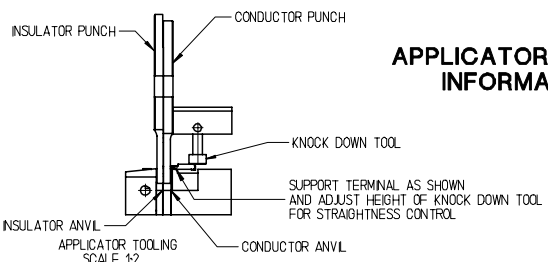
WIRE APPLICATION SEE NOTE 2		APPLICATOR TOOLING INFORMATION TABLE																				
SAE AWG	METRIC mm ²	A	B	C	D	E	F	G	H	J	K	L	M	N	P AT T	R	S	T				
FOR TOLERANCE SEE APPLICATOR TOOLING TOLERANCE TABLE																						
18	(0.8)	0.470	1.803	7.1	12.13	0.944	6.5	1.783	1.83	1.885	0.98	0.98	0.22	2.10	1.90	0.34	2.10	0.98				
20	(0.5)	0.470	1.803	7.1	12.13	0.944	6.5	1.783	1.83	1.885	0.98	0.98	0.22	2.10	1.90	0.34	2.10	0.98				
22	(0.35)	0.353	1.457	7.4	12.14	0.880	6.3	1.435	2.29	1.700	1.02	0.89	0.17	1.97	1.71	0.31	1.27	0.68				

TERMINAL CRIMP INFORMATION TABLE				
PART NUMBER	CONDUCTOR CRIMP HEIGHT CCH TOL. ±0.05mm	CONDUCTOR CRIMP WIDTH CCW TOL. ±0.05mm	INSULATOR CRIMP HEIGHT ICH TOL. ±0.1mm	INSULATOR CRIMP WIDTH ICW TOL. ±0.1mm
33467-0005	1.15	1.80	2.10	1.95
33467-0006				
33468-0003				
33468-0004				
33467-0005	1.10	1.80	1.95	1.95
33467-0006				
33468-0003				
33468-0004				
33467-0003	0.95	1.45	1.60	1.80
33467-0004				
33468-0001				
33468-0002				

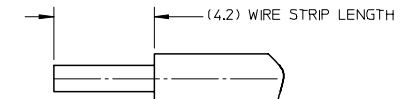
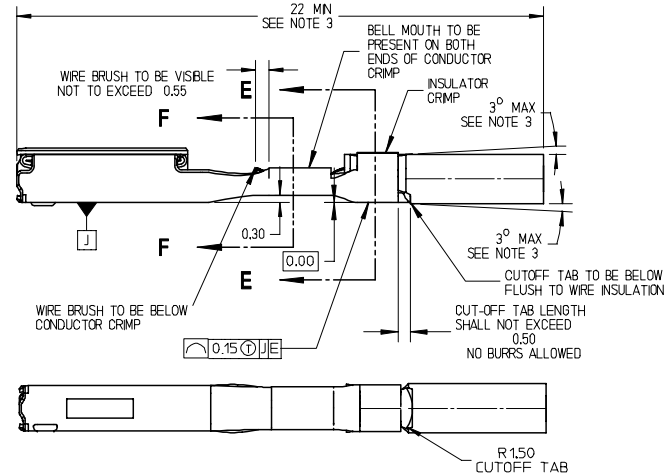
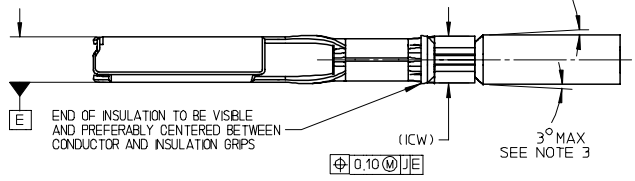


SUPPLIER APPLICATOR TOOLING TABLE		SEE NOTE 42
PART NUMBER	DESCRIPTION	
63867-3000	MX64 CRIMP APPLICATOR WITH APPLICATOR TOOL KIT 18/20 AWG PAYOFF DIRECTION D (LEFT PAYOFF) (CONTACT MOLEX FOR PAYOFF DETAIL)	
63867-3070	MX64 APPLICATOR TOOL KIT 18/20 AWG	
63867-3100	MX64 CRIMP APPLICATOR WITH APPLICATOR TOOL KIT 22 AWG PAYOFF DIRECTION D (LEFT PAYOFF) (CONTACT MOLEX FOR PAYOFF DETAIL)	
63867-3170	MX64 APPLICATOR TOOL KIT 22 AWG	

APPLICATOR TOOLING INFORMATION



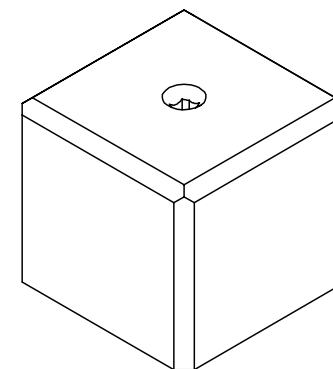
APPLICATOR TOOLING TOLERANCE TABLE	
3 PLACE	±0.005
2 PLACE	±0.025
1 PLACE	±0.13
ANGULAR	+0.5°



THIS SHEET APPLIES TO RECEPTACLE CRIMPED LEAD ONLY

ENTER DESCRIPTION EC NO: UAU2007-0559 DRAWN:HEMNANI 2007/04/12 CHK'D:D.HEMNANI 2007/04/13 APPR:BMOSER 2007/04/13	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			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					
			2 PLACES ± 0.10 ± ---		MOLEX MOLEX INCORPORATED						
1 PLACE ± 0.3 ± ---		ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33468-001		SHEET NO. 2 OF 3			
REV					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		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: UAU2007-0559		DESCRIPTION		mm		MM ONLY		2:1	METRIC	DATE	
2007/04/12		2007/04/13		4 PLACES $\pm .0002$		DRAWN BY		TITLE		DATE	
2007/04/13		2007/04/13		3 PLACES $\pm .0002$		L. PULLIAM		MX64		2/3/2006	
2007/04/13		2007/04/13		2 PLACES ± 0.10		CHECKED BY		RECEPTACLE TERMINAL		DATE	
2007/04/13		2007/04/13		1 PLACE ± 0.3		D. HEMNANI		MOLEX INCORPORATED		2/3/2006	
2007/04/13		2007/04/13		ANGULAR $\pm 3^\circ$		APPROVED BY		MOLEX		DATE	
2007/04/13		2007/04/13				B. MOSER		SD-33468-001		2/3/2006	
2007/04/13		2007/04/13				MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
2007/04/13		2007/04/13				SEE TABLE		SD-33468-001		3 OF 3	
2007/04/13		2007/04/13				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
2007/04/13		2007/04/13				B					