

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0330112002](#)
Status: **Active**
Overview: [mx150_sealed_connector_system](#)
Description: MX150™ Male Terminal, Silver (Ag) Plating, 16-20 AWG, Right Reel Payoff, Contact Material Thickness 0.30mm (.012")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family Crimp Terminals
Series [33011](#)
Comments Right Reel Payoff
Crimp Quality Equipment Yes
Overview [mx150_sealed_connector_system](#)
Product Name MX150™

Physical
Gender Male
Material - Metal High Performance Alloy (HPA)
Material - Plating Mating Silver
Material - Plating Termination Tin
Packaging Type Reel
Plating min: Mating (µin) 30.4
Plating min: Mating (µm) 0.76
Plating min: Termination (µin) 100
Plating min: Termination (µm) 2.5
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 2.60mm (.102") max.
Wire Size AWG 16, 18, 20
Wire Size mm² 0.75, 1.00

Electrical
Current - Maximum per Contact 22A
Voltage - Maximum 250V

Material Info

Reference - Drawing Numbers
Sales Drawing SD-33000-001



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

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
[33011Series](#)

Use With
[33482](#) Dual Row Housing, [33481](#) Single Row Housing, [33486](#) Hybrid Housing

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, 14-16AWG	0638112400
Hand Crimp Tool, 18-22AWG	0638112600

13 12 11 10 9 8 7 6 5 4 3 2 1

WIRE BRUSH TO BE
VISIBLE AND NO MORE
THAN 0.40 FROM
CONDUCTOR CRIMP

STAMP PLATING TYPE
(A - PRECIOUS METAL)

WIRE BRUSH TO BE BELOW
TOP OF CONDUCTOR CRIMP

CRIMP INFORMATION

INSULATOR / O STYLE
SECTION Y-Y

CONDUCTOR / B STYLE
SECTION Z-Z

PLATING NOTES:

1. PRECIOUS METAL PLATED TERMINAL:

1.1 GOLD PLATING:

ZONE A: SHALL BE COMPLETELY COVERED WITH NICKEL TO PREVENT EXPOSED BASE METAL
REDUCED GOLD THICKNESS FROM ZONE B PERMITTED

ZONE B: PRECIOUS METAL PLATING PER MOLEX PLATING SPECIFICATION ES-88

BASE LAYER: ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL
THICKNESS: 1.25 - 2.25 MICROMETERS

GOLD LAYER: ELECTRODEPOSITED GOLD
THICKNESS: 0.76 MICROMETERS MINIMUM

ZONE C: SHALL BE COMPLETELY COVERED WITH NICKEL TO PREVENT EXPOSED BASE METAL
REDUCED PLATING THICKNESS FROM ZONE B AND ZONE D PERMITTED

ZONE D: TIN PLATING PER MOLEX PLATING SPECIFICATION ES-88

BASE LAYER: ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL
THICKNESS: 1.25 - 2.25 MICROMETERS

TIN LAYER: ELECTRODEPOSITED 100% TIN, MATTE FINISH
THICKNESS: 2.5 - 4.0 MICROMETERS

ZONE E: SHALL BE COMPLETELY COVERED WITH NICKEL TO PREVENT EXPOSED BASE METAL
REDUCED THICKNESS FROM ZONE D PERMITTED

1.2 SILVER PLATING:

ZONE A: SHALL BE COMPLETELY COVERED WITH NICKEL TO PREVENT EXPOSED BASE METAL
REDUCED SILVER THICKNESS FROM ZONE B PERMITTED

ZONE B: SILVER PLATING

BASE LAYER: ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL
THICKNESS: 1.25 - 2.25 MICROMETERS

SILVER LAYER: ELECTRODEPOSITED PURE SILVER (0.5% MAX IMPURITIES)
THICKNESS: 19 - 3.3 MICROMETERS
FINISH: SEMI BRIGHT

ANTI-TARNISH: TREATMENT FOR SILVER PLATED TERMINAL - EVABRITE WS

ZONE C: SHALL BE COMPLETELY COVERED WITH NICKEL TO PREVENT EXPOSED BASE METAL
REDUCED PLATING THICKNESS FROM ZONE B AND ZONE D PERMITTED

ZONE D: TIN PLATING PER MOLEX PLATING SPECIFICATION ES-88

BASE LAYER: ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL
THICKNESS 1.25 - 2.25 MICROMETERS

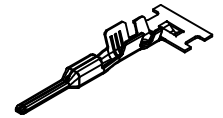
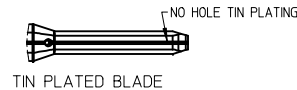
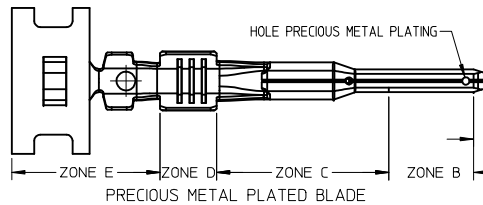
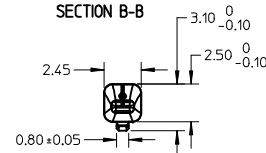
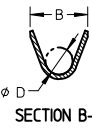
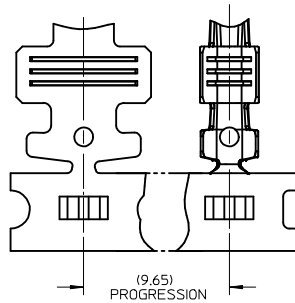
TIN LAYER: ELECTRODEPOSITED 100% TIN, MATTE FINISH
THICKNESS 2.5 - 4.0 MICROMETERS

ZONE E: SHALL BE COMPLETELY COVERED WITH NICKEL TO PREVENT EXPOSED BASE METAL
REDUCED THICKNESS FROM ZONE D PERMITTED

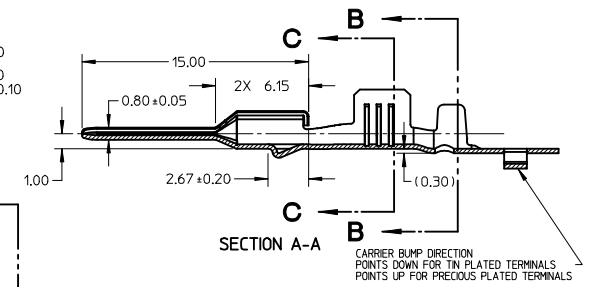
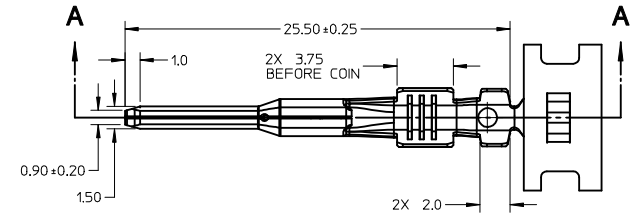
2. TIN PLATED TERMINAL (ENTIRE TERMINAL)

BASE LAYER: ELECTRODEPOSITED ADVANCED TIN BARRIER
THICKNESS 0.25 - 1.00 MICROMETERS

TIN LAYER: ELECTRODEPOSITED REFLOW TIN, 100% TIN, NO BRIGHTENERS
THICKNESS 0.50 - 1.00 MICROMETERS



ISO VIEW
SCALE 2:1



GENERAL NOTES: (UNLESS OTHERWISE SPECIFIED)

- MATING TERMINAL SHOWN ON SD-33012-002
- MATERIAL: ASTM B422, UNS C19025, HR04
THICKNESS: 0.30 mm +0.01
TEMPER: FULL HARD (REF)
TENSILE: 496-572 MPA
PLATING: SEE PLATING NOTES
- MEETS CRIMP PERFORMANCE SPECIFICATION SAE/USCAR-21 (RELEASED: 08/25/01)
- MEETS PERFORMANCE STANDARD FOR AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS
SAE/USCAR-2 REV 3 (APRIL 2001)
- MEETS FIELD CORRELATED LIFE TEST SAE/USCAR-20 (NOVEMBER 2001)
- MEETS WIRING COMPONENT DESIGN GUIDELINES SAE/USCAR-12 REV 2 (DECEMBER 2001)
- MEETS ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) REV 11 (5/2002)
- REFERENCE PK-31300-516 FOR REEL DIRECTION
- REFERENCE CS-33000-001 FOR ADDITIONAL CRIMP INFORMATION

ENTER DESCRIPTION
EC NO: UAU2010-0107
DRAWN: FERGUSON 2009/08/18
CHKD: A.DHIR 2009/08/19
APPR: B.MOSER 2009/08/20
REV

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .005	± .0005
3 PLACES ± .005	± .0005
2 PLACES ± .01	± .0005
1 PLACE ± .03	± .0005
ANGULAR ± 3 °	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
L.PULLIAM	2006/01/31
CHECKED BY	DATE
A.DHIR	2006/02/01
APPROVED BY	DATE
B.MOSER	2006/02/02
MATERIAL NO. SEE TABLE	
SIZE	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
TITLE MX150 15MM BLADE TERMINAL		
MOLEX INCORPORATED		
DOCUMENT NO. SD-33000-001		SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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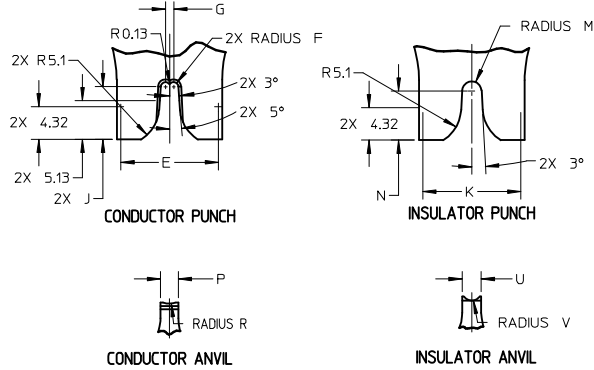
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TABLE 2 - TERMINAL GRIP/CRIMP TOOL DIM. REFERENCE TABLE																						
SUPPLIER PART NO. B DIRECTION RIGHT PAYOFF	PART NO. D DIRECTION LEFT PAYOFF	FORD PART NO.	PLATING (STAMPING)	WIRE APPLICATION			A +0.30	B +0.30	C +0.30	D +0.30	E +0.005	F +0.005	G +0.005	J +0.005	K +0.005	M +0.005	N +0.005	P +0.005	R +0.005	U +0.005	V +0.005	
				SAE (awg)	WIRE SPECIFICATION	METRIC (mm²)																WIRE SPECIFICATION
33000-0001	33000-1001	ZLJT-14421-DA	TIN	14	MIL-123A/MIL-135A1	2.0, 15	MIL-126A1 JASO D 611	3.9	3.8	1.7	1.6	12.82	0.60	1.19	7.05	13.12	1.35	6.91	2.44	6.11	2.72	1.40
33000-0002	33000-1002	ZLJT-14421-CA	TIN	16	MIL-123A	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.96	1.28	6.51	2.14	1.93	2.52	1.30
				18	MIL-123A	10, 0.75	MIL-126A1	3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.65	1.13	6.46	2.14	1.93	2.23	1.15
				20	SAE J1128 (IGXL)	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.96	1.28	6.51	2.14	1.93	2.52	1.30
					SAE J1128 (IGXL)	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.42	1.03	6.36	2.14	1.93	2.04	1.05
33000-0003	33000-1003	ZLJT-14421-BA	TIN	22	MIL-123A	0.5	MIL-126A1 JASO D 611	2.5	2.6	0.9	1.0	11.97	0.42	0.72	6.57	12.24	0.93	6.31	1.60	1.44	1.84	0.95
33000-0003*	33000-1003*	ZLJT-14421-BA*	TIN	-	-	0.35	WSK-1A348-A2	2.5	2.6	0.9	1.0	11.97	0.42	0.72	6.57	12.24	0.93	6.31	1.60	1.44	1.84	0.95
33000-0024*	33000-1024*	4L2T-14421-AA*	TIN	-	-	0.35 + 0.35	MIL-126A1	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80
33000-0024*	33000-1024*	4L2T-14421-AA*	TIN	-	-	0.35 + 0.50	MIL-126A1	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80	T80
33011-1002	33011-0002	ZLJT-14421-GA	GOLD	14	MIL-123A/MIL-135A1	2.0, 15	MIL-126A1 JASO D 611	3.9	3.8	1.7	1.6	12.82	0.60	1.19	7.05	13.12	1.35	6.91	2.44	6.11	2.72	1.40
33011-1004	33011-0004	ZLJT-14421-FA	GOLD	16	MIL-123A	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.96	1.28	6.51	2.14	1.93	2.52	1.30
				18	MIL-123A	10, 0.75	MIL-126A1	3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.65	1.13	6.46	2.14	1.93	2.23	1.15
				20	SAE J1128 (IGXL)	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.96	1.28	6.51	2.14	1.93	2.52	1.30
					MIL-123A	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.42	1.03	6.36	2.14	1.93	2.04	1.05
33011-1006	33011-0006	ZLJT-14421-EA	GOLD	22	MIL-123A	0.5	MIL-126A1 JASO D 611	2.5	2.6	0.9	1.0	11.97	0.42	0.72	6.57	12.24	0.93	6.31	1.60	1.44	1.84	0.95
33011-1006*	33011-0006*	ZLJT-14421-EA*	GOLD	-	-	0.35	WSK-1A348-A2	2.5	2.6	0.9	1.0	11.97	0.42	0.72	6.57	12.24	0.93	6.31	1.60	1.44	1.84	0.95
33011-2003	33011-3003	7U5T-14421-CA	SILVER	14	MIL-123A/MIL-135A1	2.0, 15	MIL-126A1 JASO D 611	3.9	3.8	1.7	1.6	12.82	0.60	1.19	7.05	13.12	1.35	6.91	2.44	6.11	2.72	1.40
33011-2002	33011-3002	7U5T-14421-BA	SILVER	16	MIL-123A	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.96	1.28	6.51	2.14	1.93	2.52	1.30
				18	MIL-123A	10, 0.75	MIL-126A1	3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.65	1.13	6.46	2.14	1.93	2.23	1.15
				20	SAE J1128 (IGXL)	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.96	1.28	6.51	2.14	1.93	2.52	1.30
					MIL-123A	-		3.3	3.1	1.3	1.4	12.46	0.57	0.99	6.52	12.42	1.03	6.36	2.14	1.93	2.04	1.05
33011-2001	33011-3001	7U5T-14421-AA	SILVER	22	MIL-123A	0.5	MIL-126A1 JASO D 611	2.5	2.6	0.9	1.0	11.97	0.42	0.72	6.57	12.24	0.93	6.31	1.60	1.44	1.84	0.95
33011-2001*	33011-3001*	7U5T-14421-AA*	SILVER	-	-	0.35	WSK-1A348-A2	2.5	2.6	0.9	1.0	11.97	0.42	0.72	6.57	12.24	0.93	6.31	1.60	1.44	1.84	0.95

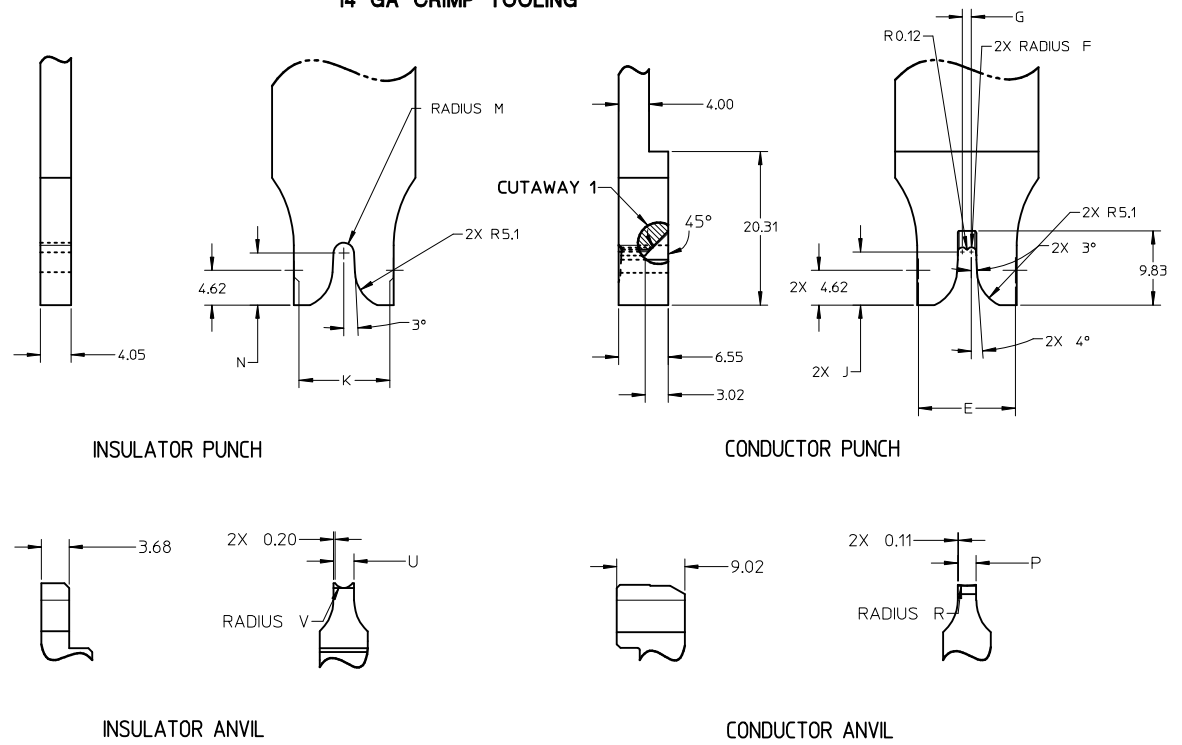
* UNSEALED APPLICATIONS ONLY

TABLE 1 - TERMINAL CRIMP DIMENSIONS REFERENCE TABLE										
SUPPLIER PART NO. B DIRECTION RIGHT PAYOFF	D DIRECTION LEFT PAYOFF	FORD PART NO.	PLATING	WIRE SIZE	WIRE SPECIFICATION	CONDUCTOR CH (SECT Z-Z) +0.05 mm	CONDUCTOR CW (SECT Z-Z) +0.10 mm	INSULATOR IH (SECT Y-Y) +0.10 mm	INSULATOR IW (SECT Y-Y) +0.10 mm	WIRE PULL FORCE (N)
33000-0001	33000-1001	ZL1T-14421-DA	TIN	14 awg	MIL-123A	1.65	2.45	2.85	2.75	339
				16 awg	MIL-135A1	1.65	2.45	2.80	2.80	339
				MIL-123A	1.35	2.15	2.20	2.60	215	
33000-0002	33000-1002	ZL1T-14421-CA	TIN	16 awg	MIL-123A	1.25	2.15	2.00	2.30	157
				SAE J1128 (IGXL)	1.25	2.15	2.30	2.60	158	
				20 awg	MIL-123A	1.15	2.15	1.90	2.10	113
SAE J1128 (IGXL)	1.15	2.15	2.00	2.30	105					
33000-0003	33000-1003	ZL1T-14421-BA	TIN	22 awg	MIL-123A	1.00	1.60	1.85	1.90	62
33000-0001	33000-1001	ZL1T-14421-DA	TIN	20 mm ²	JASO D 611 (AVSSI)	1.60	2.45	2.85	2.75	233
				15 mm ²	MIL-126A1	1.40	2.25	2.65	2.80	177
				10 mm ²	MIL-126A1	1.30	2.15	2.00	2.30	162
0.75 mm ²	MIL-126A1	1.25	2.15	1.95	2.30	145				
33000-0002	33000-1002	ZL1T-14421-CA	TIN	0.5 mm ²	MIL-126A1	1.10	1.60	1.80	1.90	82
				JASO D 611 (AVSSI)	1.10	1.60	1.85	1.90	100	
				WSK-1A348-A2	0.95	1.60	1.70	1.90	50	
33000-0003*	33000-1003*	ZL1T-14421-BA*	TIN	0.35 mm ²	MIL-123A	1.65	2.45	2.85	2.75	339
33000-0024*	33000-1024*	4L2T-14421-AA*	TIN	0.35 + 0.35	MIL-126A1	T80	T80	T80	T80	T80
33000-0024*	33000-1024*	4L2T-14421-AA*	TIN	0.35 + 0.50	MIL-126A1	T80	T80	T80	T80	T80
33011-1002	33011-0002	ZL1T-14421-GA	GOLD	14 awg	MIL-123A	1.65	2.45	2.85	2.75	339
				16 awg	MIL-135A1	1.65	2.45	2.80	2.80	339
				MIL-123A	1.35	2.15	2.20	2.60	215	
33011-1004	33011-0004	ZL1T-14421-FA	GOLD	16 awg	MIL-123A	1.25	2.15	2.00	2.30	157
				SAE J1128 (IGXL)	1.25	2.15	2.30	2.60	158	
				20 awg	MIL-123A	1.15	2.15	1.90	2.10	113
SAE J1128 (IGXL)	1.15	2.15	2.00	2.30	105					
33011-1006	33011-0006	ZL1T-14421-EA	GOLD	22 awg	MIL-123A	1.00	1.60	1.85	1.90	62
33011-1002	33011-0002	ZL1T-14421-GA	GOLD	20 mm ²	JASO D 611 (AVSSI)	1.60	2.45	2.85	2.75	233
				15 mm ²	MIL-126A1	1.40	2.25	2.65	2.80	177
				10 mm ²	MIL-126A1	1.30	2.15	2.00	2.30	162
0.75 mm ²	MIL-126A1	1.25	2.15	1.95	2.30	145				
33011-1004	33011-0004	ZL1T-14421-FA	GOLD	0.5 mm ²	MIL-126A1	1.10	1.60	1.80	1.90	82
				JASO D 611 (AVSSI)	1.10	1.60	1.85	1.90	100	
				WSK-1A348-A2	0.95	1.60	1.70	1.90	50	
33011-1006*	33011-0006*	ZL1T-14421-EA*	GOLD	0.35 mm ²	MIL-123A	1.65	2.45	2.85	2.75	339
33011-2003	33011-3003	7U5T-14421-CA	SILVER	14 awg	MIL-135A1	1.65	2.45	2.85	2.80	339
				16 awg	MIL-123A	1.35	2.15	2.20	2.60	215
				18 awg	MIL-123A	1.25	2.15	2.00	2.30	157
33011-2002	33011-3002	7U5T-14421-BA	SILVER	20 awg	SAE J1128 (IGXL)	1.25	2.15	2.30	2.60	158
				MIL-123A	1.15	2.15	1.90	2.10	113	
				SAE J1128 (IGXL)	1.15	2.15	2.00	2.30	105	
33011-2001	33011-3001	7U5T-14421-AA	SILVER	22 awg	MIL-123A	1.00	1.60	1.85	1.90	62
33011-2003	33011-3003	7U5T-14421-CA	SILVER	20 mm ²	JASO D 611 (AVSSI)	1.60	2.45	2.85	2.75	233
				15 mm ²	MIL-126A1	1.40	2.25	2.65	2.80	177
				10 mm ²	MIL-126A1	1.30	2.15	2.00	2.30	162
0.75 mm ²	MIL-126A1	1.25	2.15	1.95	2.30	145				
33011-2001	33011-3001	7U5T-14421-AA	SILVER	0.5 mm ²	MIL-126A1	1.10	1.60	1.80	1.90	82
33011-2001*	33011-3001*	7U5T-14421-AA*	SILVER	0.35 mm ²	JASO D 611 (AVSSI)	1.10	1.60	1.85	1.90	100
				WSK-1A348-A2	0.95	1.60	1.70	1.90	50	

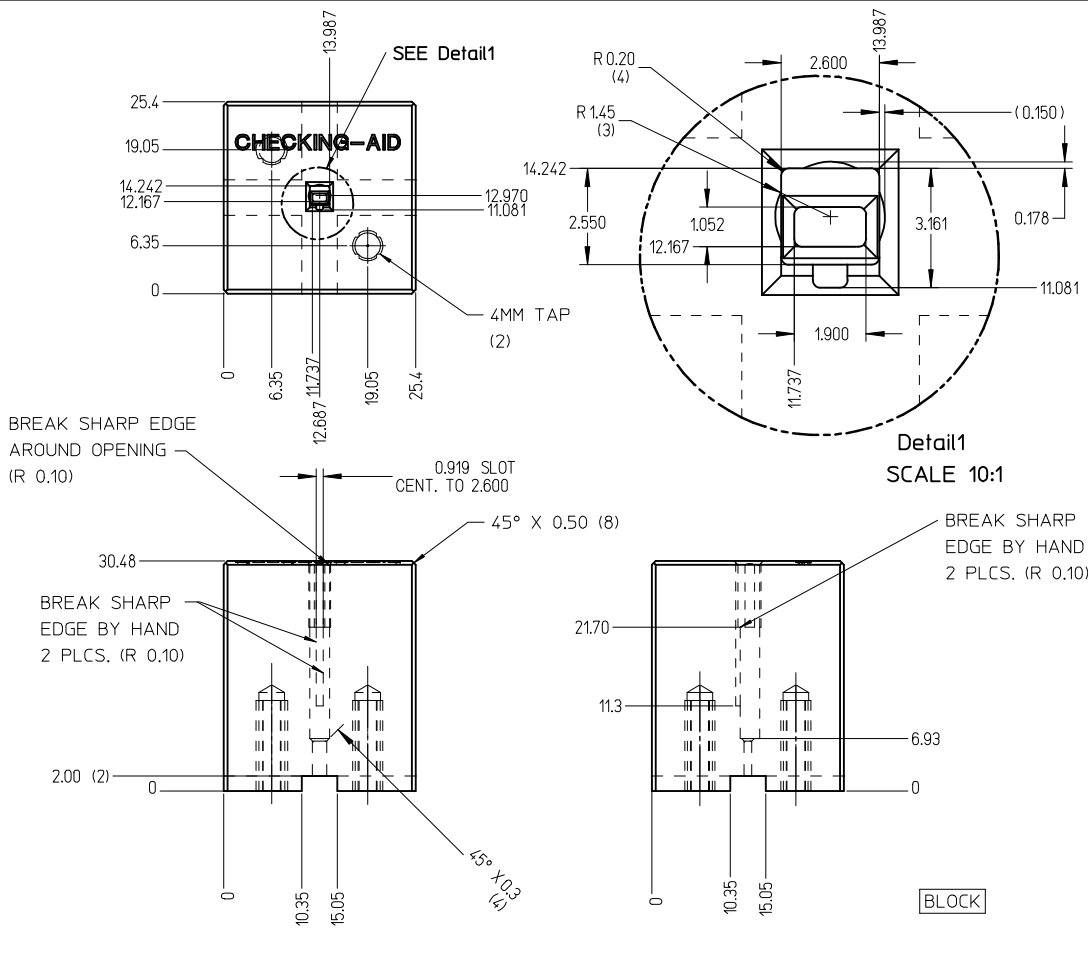
**CRIMP TOOL INFORMATION
EXCEPT 14 GA**



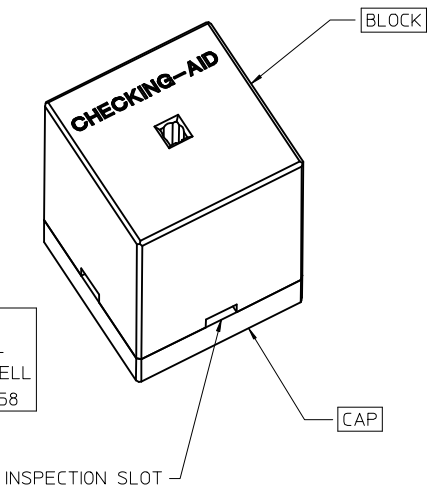
14 GA CRIMP TOOLING



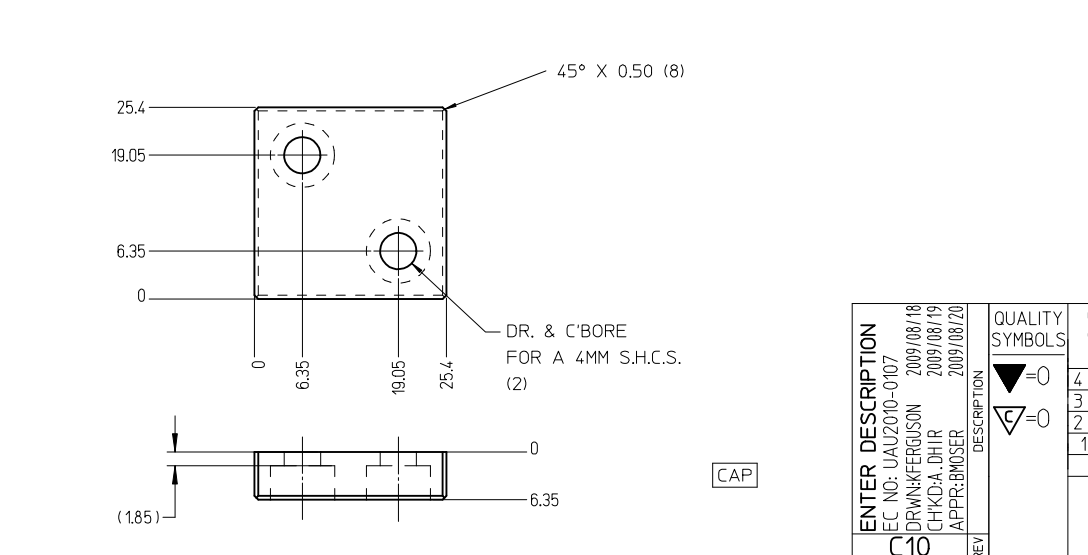
ENTER DESCRIPTION EC NO: UAU2010-0107 DRAWN: KFERGUSON 2009/08/18 CHKD: A.DHIR 2009/08/19 APPR: B.MOSER 2009/08/20 C10	DESCRIPTION QUALITY SYMBOLS ▽=0 ⌄=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY L.PULLIAM	DATE 2006/01/31	TITLE MX150 1.5MM BLADE TERMINAL			
		4 PLACES	± .005	± .0004	CHECKED BY A.DHIR	DATE 2006/02/01				
		3 PLACES	± .005	± .0004	APPROVED BY B.MOSER		DATE 2006/02/02		MOLEX MOLEX INCORPORATED	
		2 PLACES	± 0.1	± .0004						
		1 PLACE	± 0.3	± .0012	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33000-001		SHEET NO. 3 OF 5	
		ANGULAR ± 3 °								
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



CHECKING-AID
2 PIECE ASM. A2 TOOL STEEL
HARDEN & GRIND TO A ROCKWELL
HARDNESS "C" SCALE OF 56-58

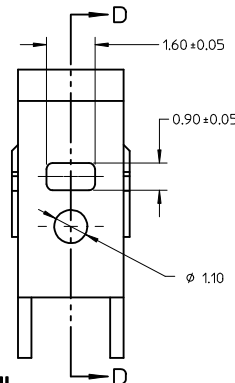
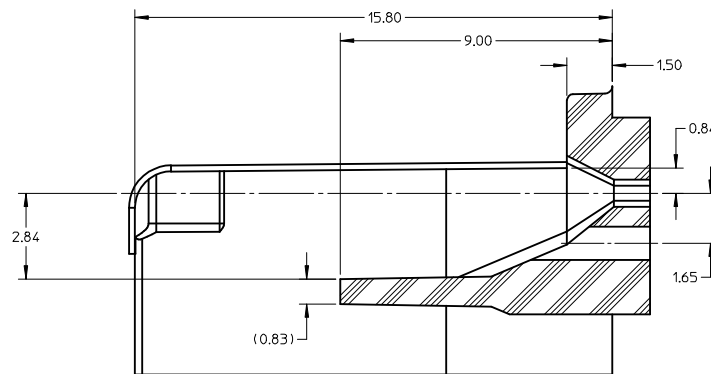
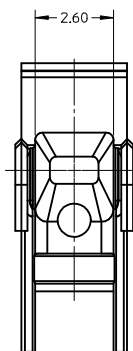


CHECKING AID TOLERANCE	
.XXX	= .005
.XX	= .03
.X	= .3



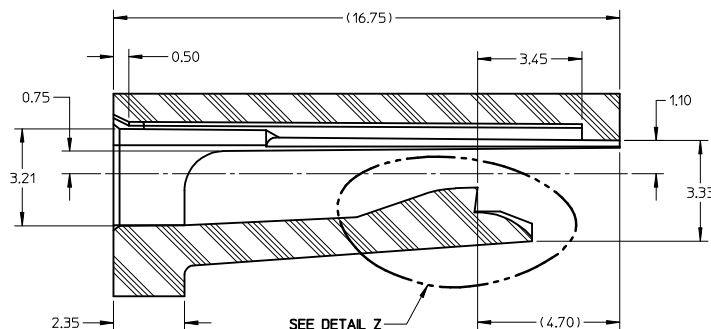
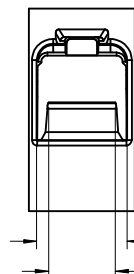
ENTER DESCRIPTION		QUALITY SYMBOLS
EC NO: UAU2010-0107	2009/08/18	
DRWN:KFERGUSON	2009/08/19	▽=0
CHKD:A.DHIR	2009/08/20	▽=0
APPR:BMOSER	2009/08/20	
REV	DESCRIPTION	
C10		

GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	mm	INCH	DRAWN BY	DATE	TITLE MX150 1.5MM BLADE TERMINAL		
4 PLACES	± ---	± ---	L.PULLIAM	2006/01/31			
3 PLACES	± ---	± ---	CHECKED BY	DATE			
2 PLACES	± 0.1	± ---	A.DHIR	2006/02/01			
1 PLACE	± 0.3	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED		
ANGULAR ± 3 °		B.MOSER	2006/02/02				
SIZE			MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			SEE TABLE		SD-33000-001		4 OF 5
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



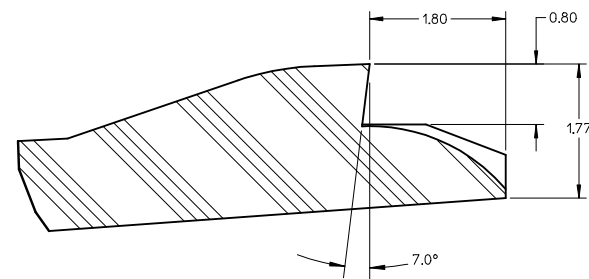
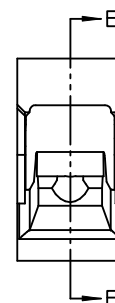
SECTION D-D

TPA/INSERT DETAIL

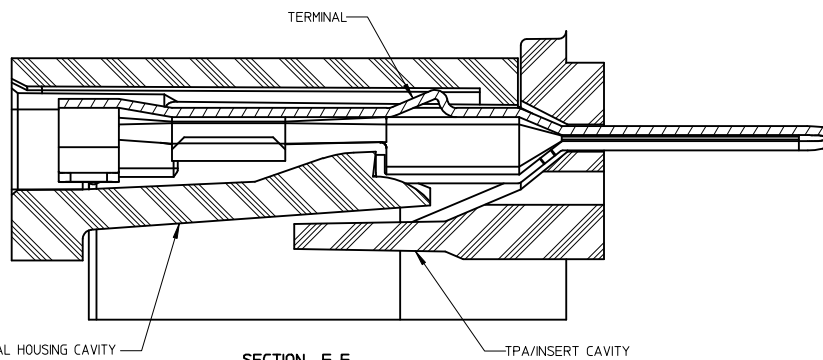
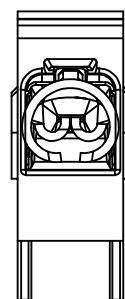


SECTION E-E

HOUSING DETAIL

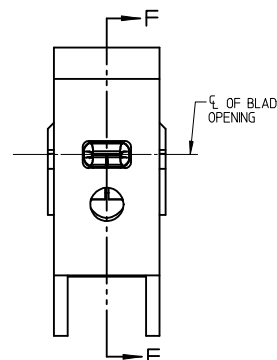


DETAIL Z
SCALE 20:1



SECTION F-F

BLADE CAVITY ASSEMBLY VIEWS



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. TOLERANCES: LINEAR ± 0.10
ANGULAR 3°
2. ALL DRAFT WITHIN TOLERANCE
3. MAX RADII ON ALL CORNERS SHOWN SHARP: 0.10
4. MAX FLASH PERMISSIBLE: 0.1
5. EJECTOR PIN MARKS PERMISSIBLE IF FLUSH TO 0.25 BELOW SURFACE
6. MATERIAL: HOUSING/FINGER SPECIFICATION ENGINEERED FOR MATERIAL WITH THE FOLLOWING PROPERTIES:
A. FLEXURAL MODULUS = 4,500 TO 9,400 MPa
PER ASTM TEST D790
B. ELONGATION AT YIELD = 2.3% OR BETTER
PER ASTM TEST D638 TYPE V
7. CAVITY SPEC FOR USE ONLY WITH MOLEX BLADE TERMINAL PART NUMBERS (EXCEPT P/N'S FOR UNSEALED APPLICATIONS) SPECIFIED ELSEWHERE ON THIS DRAWING

ENTER DESCRIPTION
EC NO: UAU2010-0107 2009/08/18
DRAWN: KFERGUSON 2009/08/19
CHKD: A.DHIR 2009/08/19
APPR: B.MOSER 2009/08/20
REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± 0.1	± 0.004
3 PLACES ± 0.1	± 0.004
2 PLACES ± 0.1	± 0.004
1 PLACE ± 0.3	± 0.012
ANGULAR $\pm 3^\circ$	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
L.PULLIAM	2006/01/31
CHECKED BY	DATE
A.DHIR	2006/02/01
APPROVED BY	DATE
B.MOSER	2006/02/02
MATERIAL NO. SEE TABLE	
SIZE C	

SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE MX150 15MM BLADE TERMINAL		
MOLEX INCORPORATED		
DOCUMENT NO. SD-33000-001	SHEET NO. 5 OF 5	