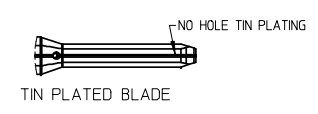
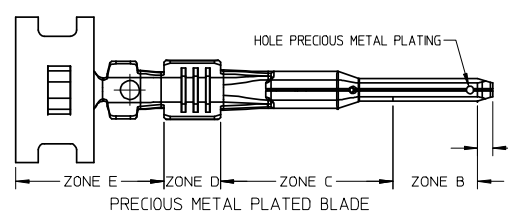
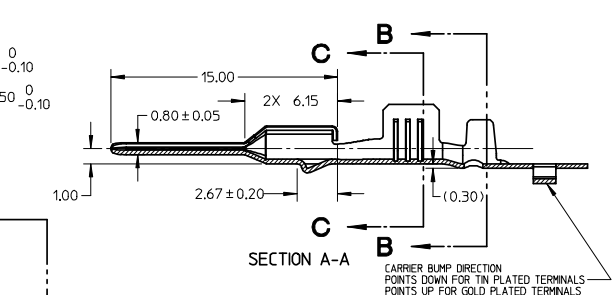
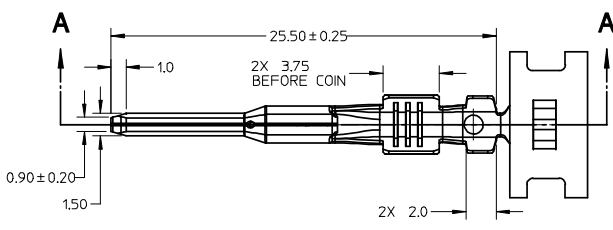
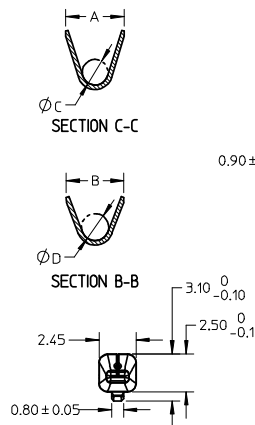
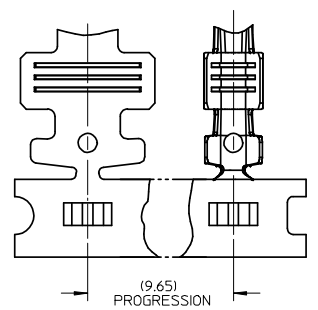
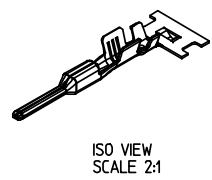
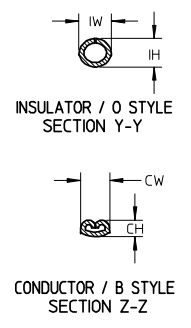


CRIMP INFORMATION



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

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: UAU2009-0093 DRAWN: PULLIAM 2008/07/28 CHKD: A.DHIR 2008/07/28 APPR: B.MOSER 2008/07/28	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						TITLE MX150 15MM BLADE TERMINAL				
						DRAWN BY DATE L.PULLIAM 2006/01/31				
						CHECKED BY DATE A.DHIR 2006/02/01				
				APPROVED BY DATE B.MOSER 2006/02/02		MOLEX		DOCUMENT NO. SD-33000-001		
				ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		SHEET NO. 1 OF 5		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

TABLE 2 - TERMINAL GRIP/CRIMP TOOL DIM. REFERENCE TABLE																						
SUPPLIER PART NO. B DIRECTION RIGHT PAYOFF	FORD PART NO. D DIRECTION LEFT PAYOFF	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		
			WIRE SPECIFICATION	WIRE SPECIFICATION	WIRE SPECIFICATION																	
33000-0001	33000-1001	ZLIT-14421-DA	TIN	14	MIL-123A/MIL-135A1	2.0, 1.5	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	ZLIT-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	12.96	1.28	6.51	2.14	1.93	2.52	1.30
				20	SAE J1128 (GXL)	-	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 (GXL)	-	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	ZLIT-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*	ZLIT-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	ZLIT-14421-GA	GOLD	14	MIL-123A/MIL-135A1	2.0, 1.5	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	ZLIT-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	12.96	1.13	6.46	2.14	1.93	2.23	1.15
				20	SAE J1128 (GXL)	-	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 (GXL)	-	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	ZLIT-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*	ZLIT-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, 1.5	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	12.96	1.13	6.46	2.14	1.93	2.23	1.15
				20	SAE J1128 (GXL)	-	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 (GXL)	-	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	FORD PART NO. D DIRECTION LEFT PAYOFF	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
33000-0001	33000-1001	ZLIT-14421-DA	TIN	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	ZLIT-14421-CA	TIN	18 awg	SAE J1128 (GXL)	1.25	2.15	2.30	2.60	158	
					MIL-123A	1.15	2.15	1.90	2.10	113	
					20 awg	SAE J1128 (GXL)	1.15	2.15	2.00	2.30	105
						MIL-123A	1.00	1.60	1.85	1.90	62
33000-0001	33000-1001	ZLIT-14421-DA	TIN	2.0 mm ²	JASO D 611 (AVSSI)	1.60	2.45	2.85	2.75	233	
33000-0002	33000-1002	ZLIT-14421-CA	TIN	10 mm ²	MIL-126A1	1.40	2.45	2.65	2.80	177	
					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
						MIL-126A1	1.10	1.60	1.80	1.90	82
33000-0003	33000-1003	ZLIT-14421-BA	TIN	0.5 mm ²	JASO D 611 (AVSSI)	1.10	1.60	1.85	1.90	100	
33000-0003*	33000-1003*	ZLIT-14421-BA*	TIN	0.35 mm ²	WSK-1A348-A2	0.95	1.60	1.70	1.90	50	
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	ZLIT-14421-GA	GOLD	14 awg	MIL-123A	1.65	2.45	2.85	2.75	339	
33011-1004	33011-0004	ZLIT-14421-FA	GOLD	16 awg	MIL-135A1	1.35	2.15	2.20	2.60	215	
					MIL-123A	1.25	2.15	2.00	2.30	157	
33011-1004	33011-0004	ZLIT-14421-FA	GOLD	18 awg	SAE J1128 (GXL)	1.25	2.15	2.30	2.60	158	
					MIL-123A	1.15	2.15	1.90	2.10	113	
					20 awg	SAE J1128 (GXL)	1.15	2.15	2.00	2.30	105
						MIL-123A	1.00	1.60	1.85	1.90	62
33011-1006	33011-0006	ZLIT-14421-EA	GOLD	22 awg	MIL-123A	1.00	1.60	1.85	1.90	100	
33011-1002	33011-0002	ZLIT-14421-GA	GOLD	2.0 mm ²	JASO D 611 (AVSSI)	1.60	2.45	2.85	2.75	233	
33011-1004	33011-0004	ZLIT-14421-FA	GOLD	10 mm ²	MIL-126A1	1.40	2.45	2.65	2.80	177	
					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
						MIL-126A1	1.10	1.60	1.80	1.90	82
33011-1006	33011-0006	ZLIT-14421-EA	GOLD	0.5 mm ²	JASO D 611 (AVSSI)	1.10	1.60	1.85	1.90	100	
33011-1006*	33011-0006*	ZLIT-14421-EA*	GOLD	0.35 mm ²	WSK-1A348-A2	0.95	1.60	1.70	1.90	50	
33011-2003	33011-3003	7U5T-14421-CA	SILVER	14 awg	MIL-123A	1.65	2.45	2.85	2.75	339	
33011-2002	33011-3002	7U5T-14421-BA	SILVER	16 awg	MIL-135A1	1.65	2.45	2.80	2.80	339	
					MIL-123A	1.35	2.15	2.20	2.60	215	
33011-2002	33011-3002	7U5T-14421-BA	SILVER	18 awg	SAE J1128 (GXL)	1.25	2.15	2.30	2.60	158	
					MIL-123A	1.15	2.15	1.90	2.10	113	
					20 awg	SAE J1128 (GXL)	1.15	2.15	2.00	2.30	105
						MIL-123A	1.00	1.60	1.85	1.90	62
33011-2001	33011-3001	7U5T-14421-AA	SILVER	22 awg	JASO D 611 (AVSSI)	1.60	2.45	2.85	2.75	233	
33011-2003	33011-3003	7U5T-14421-CA	SILVER	15 mm ²	MIL-126A1	1.40	2.45	2.65	2.80	177	
33011-2002	33011-3002	7U5T-14421-BA	SILVER	10 mm ²	MIL-126A1	1.30	2.15	2.00	2.30	162	
					MIL-126A1	1.25	2.15	1.95	2.30	145	
					0.75 mm ²	MIL-126A1	1.10	1.60	1.80	1.90	82
						MIL-126A1	1.10	1.60	1.80	1.90	82
33011-2001	33011-3001	7U5T-14421-AA	SILVER	0.5 mm ²	JASO D 611 (AVSSI)	1.10	1.60	1.85	1.90	100	
33011-2001*	33011-3001*	7U5T-14421-AA*	SILVER	0.35 mm ²	WSK-1A348-A2	0.95	1.60	1.70	1.90	50	

* UNSEALED APPLICATIONS ONLY

ENTER DESCRIPTION
EC NO: UAU2009-0093
DRAWN: PULLIAM 2008/07/28
CHKD: A.DHIR 2008/07/28
APPR: B.MOSER 2008/07/28

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.1	± ---
1 PLACE ± 0.3	± ---

ANGULAR ± 3°

DIMENSION STYLE
MM ONLY

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

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.
9999999999

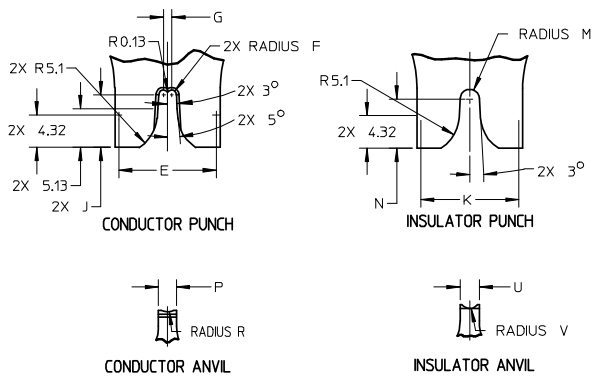
DOCUMENT NO.
SD-33000-001

SHEET NO.
2 OF 5

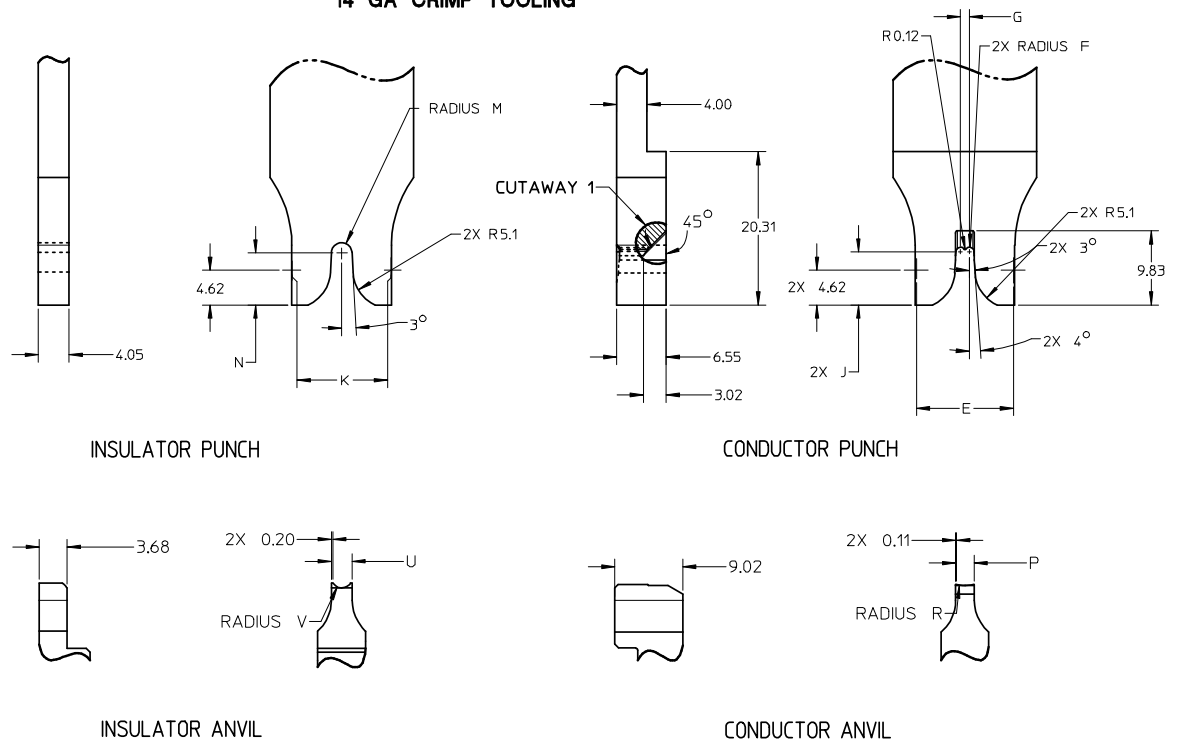
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

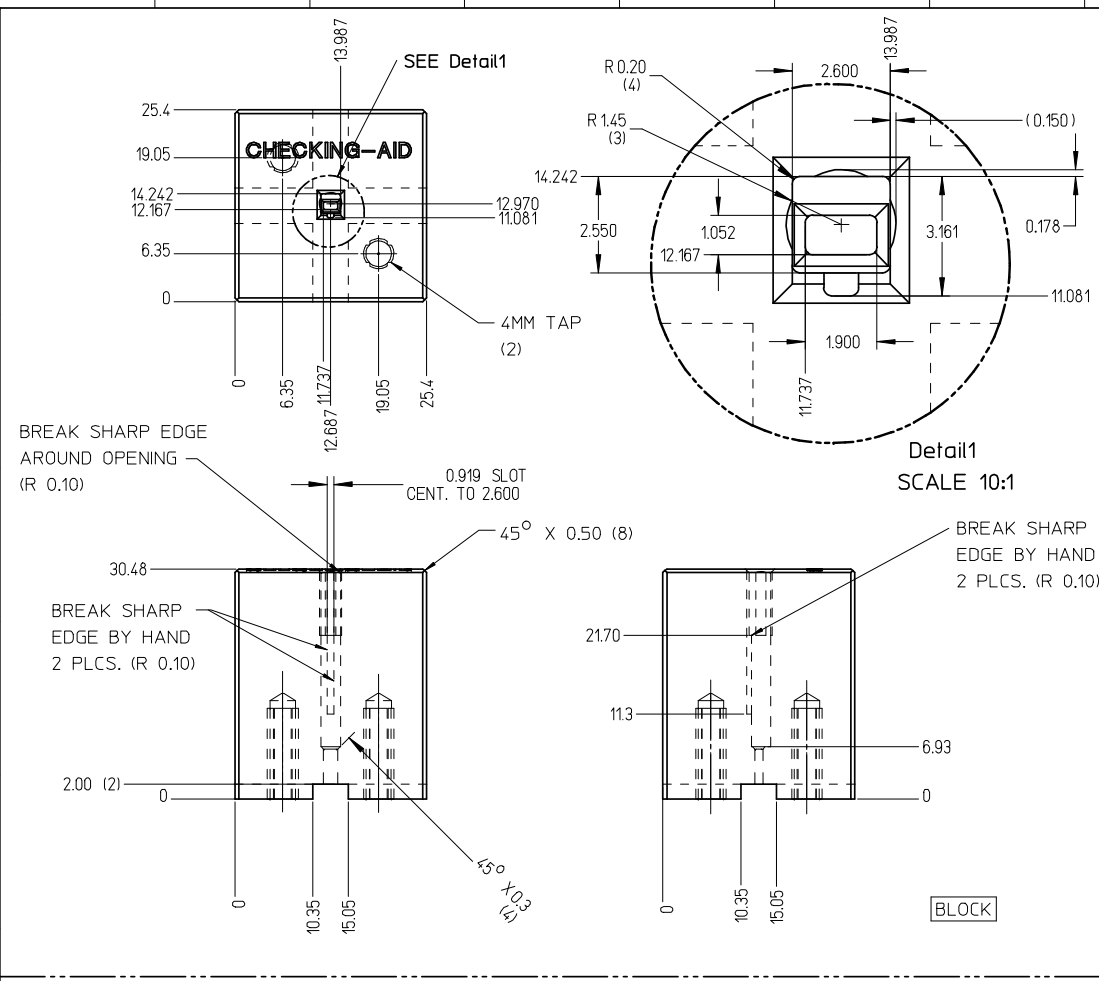
CRIMP TOOL INFORMATION EXCEPT 14 GA



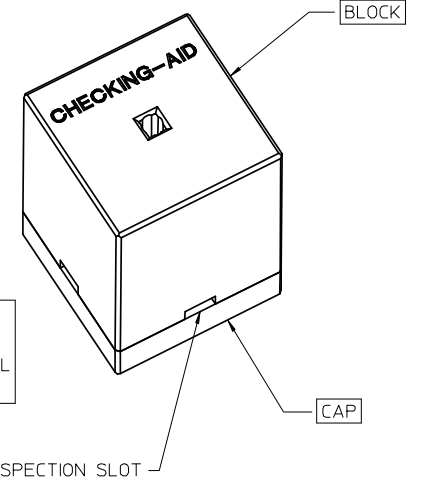
14 GA CRIMP TOOLING



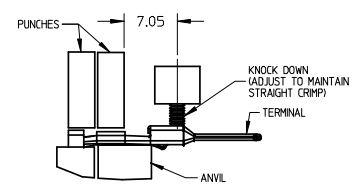
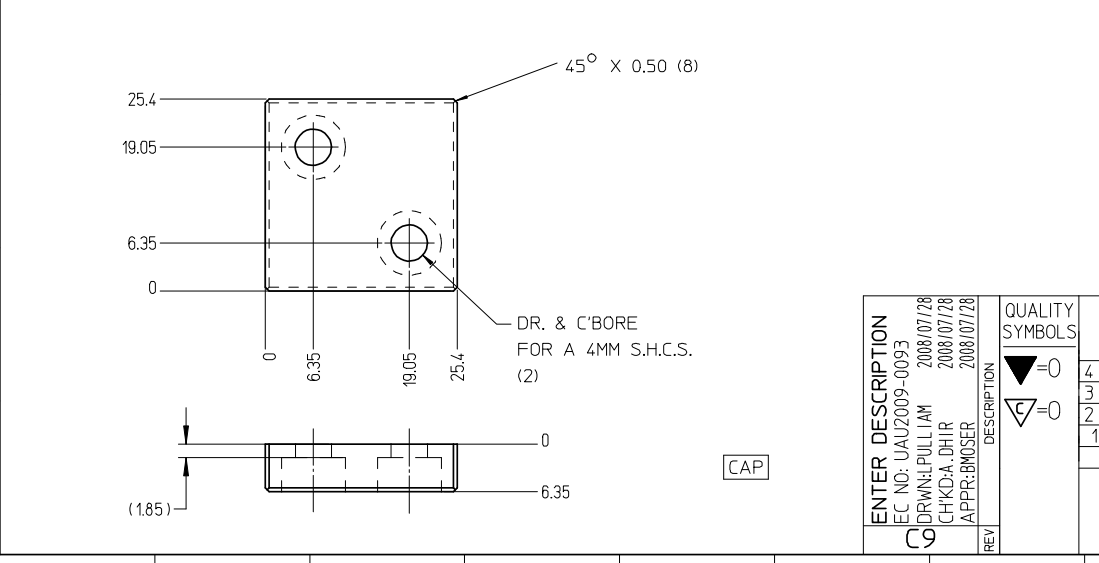
ENTER DESCRIPTION EC NO: UAU2009-0093 DRAWN: PULLIAM 2008/07/28 CHKD: A.DHIR 2008/07/28 APPR: B.MOSER 2008/07/28 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0004</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.1</td> <td>± .004</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> <td>± .012</td> </tr> </table>		mm	INCH	4 PLACES	± .005	± .0004	3 PLACES	± .005	± .0004	2 PLACES	± 0.1	± .004	1 PLACE	± 0.3	± .012	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .005	± .0004																		
	3 PLACES	± .005	± .0004																		
2 PLACES	± 0.1	± .004																			
1 PLACE	± 0.3	± .012																			
DRAWN BY: L.PULLIAM DATE: 2006/01/31 CHECKED BY: A.DHIR DATE: 2006/02/01 APPROVED BY: B.MOSER DATE: 2006/02/02	TITLE MX150 15MM BLADE TERMINAL		MOLEX INCORPORATED		DOCUMENT NO. SD-33000-001	SHEET NO. 3 OF 5															
SEE TABLE	MATERIAL NO.		SIZE		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



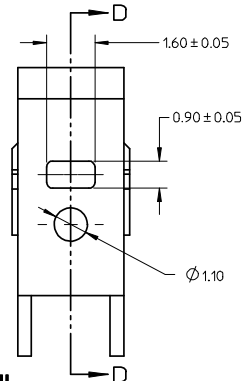
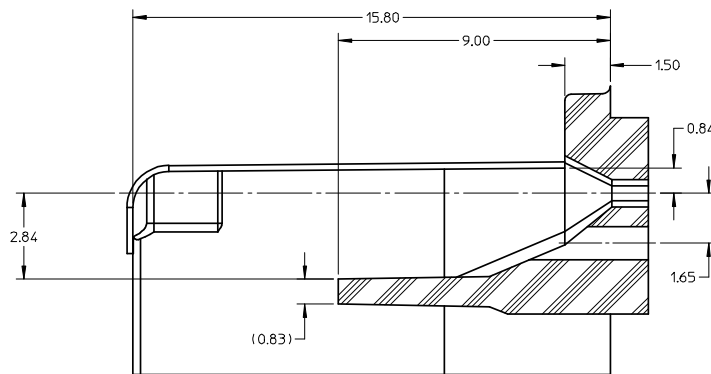
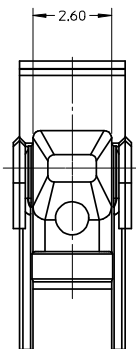
CHECKING AID TOLERANCE	
.XXX	= .005
.XX	= .03
.X	= .3



CRIMP TOOLING
 SCALE 2:1

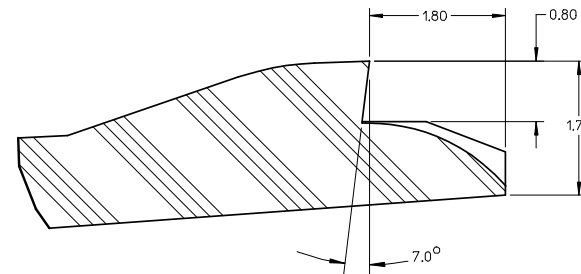
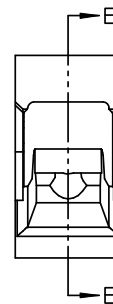
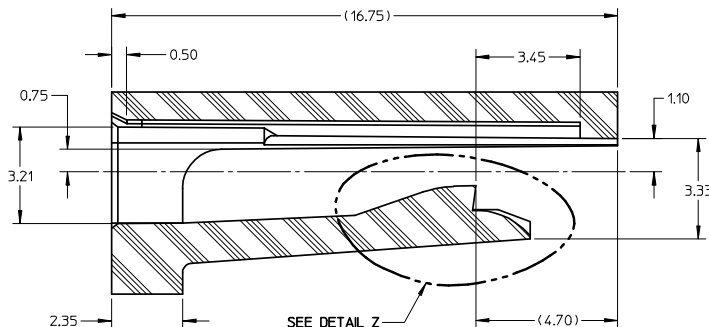
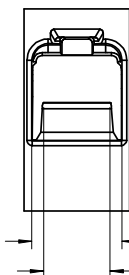
- CRIMP REQUIREMENTS:
1. CRIMP STRAIGHTNESS MUST BE MAINTAINED. USE A KNOCKDOWN TOOL LOCATED AS SHOWN. TERMINAL BOX MUST NOT BE DEFORMED
 2. AFTER CRIMPING, THE TERMINAL AND WIRE MUST FIT FREELY INTO THE CHECKING AID 33000-700. PROPER INSERTION DEPTH IS MET WHEN BLADE TIP STOPS ON CAP. SLOTS PROVIDED TO VISUALLY INSPECT STOPPAGE OF PIN TIP.
 3. FOR OTHER MECHANICAL REQUIREMENTS ON CRIMPED TERMINALS, REFER TO SAE/USCAR-21 (5-13-02) SECTIONS 4.2 (VISUAL INSPECTION), 4.3 (CROSS SECTION ANALYSIS) AND 4.4 (CONDUCTOR CRIMP PULLOUT FORCE)

ENTER DESCRIPTION EC NO: UAU2009-0093 DRAWN: PULLIAM 2008/07/28 CHKD: A.DHIR 2008/07/28 APPR: B.MOSER 2008/07/28 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.3 ± ---	mm INCH	DRAWN BY DATE L.PULLIAM 2006/01/31	CHECKED BY DATE A.DHIR 2006/02/01	APPROVED BY DATE B.MOSER 2006/02/02	TITLE MX150 15MM BLADE TERMINAL		
		ANGULAR ± 3°			MATERIAL NO. SEE TABLE	MOLEX INCORPORATED DOCUMENT NO. SD-33000-001			SHEET NO. 4 OF 5
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



SECTION D-D

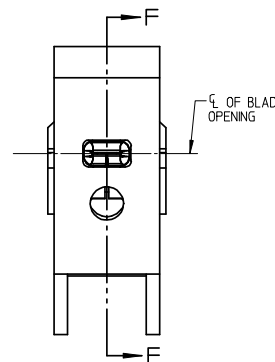
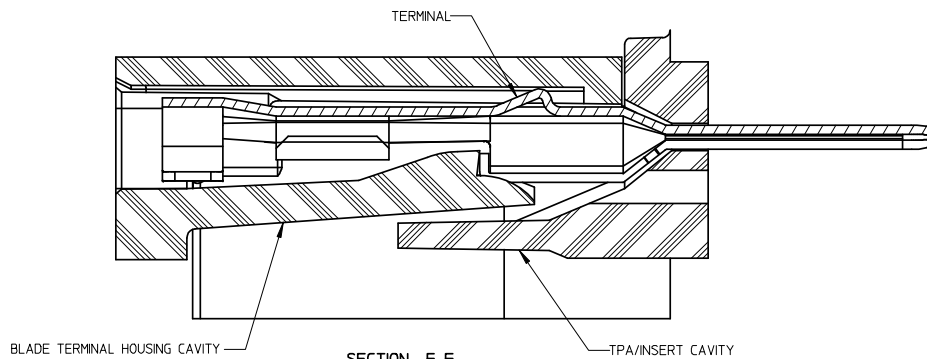
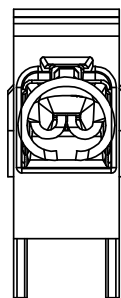
TPA/INSERT DETAIL



SECTION E-E

HOUSING DETAIL

DETAIL Z
SCALE 20:1



BLADE TERMINAL HOUSING CAVITY

SECTION F-F

TPA/INSERT CAVITY

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

BLADE CAVITY ASSEMBLY VIEWS

ENTER DESCRIPTION EC NO: UAU2009-0093 DRAWN: L.PULLIAM 2008/07/28 CHKD: A.DHIR 2008/07/28 APPR: B.MOSER 2008/07/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.1</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> <td>± 0.012</td> </tr> </table>		mm	INCH	4 PLACES	± 0.1	± 0.004	3 PLACES	± 0.15	± 0.006	2 PLACES	± 0.2	± 0.008	1 PLACE	± 0.3	± 0.012
			mm	INCH													
	4 PLACES		± 0.1	± 0.004													
	3 PLACES		± 0.15	± 0.006													
2 PLACES	± 0.2	± 0.008															
1 PLACE	± 0.3	± 0.012															
$\nabla = 0$ $\nabla = 0$																	
MATERIAL NO. SEE TABLE																	
REV 9																	

DIMENSION STYLE MM ONLY	SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAWN BY L.PULLIAM	DATE 2006/01/31	TITLE MX150 15MM BLADE TERMINAL	
CHECKED BY A.DHIR	DATE 2006/02/01	MOLEX INCORPORATED	
APPROVED BY B.MOSER	DATE 2006/02/02	DOCUMENT NO. SD-33000-001	SHEET NO. 5 OF 5
SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			