



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



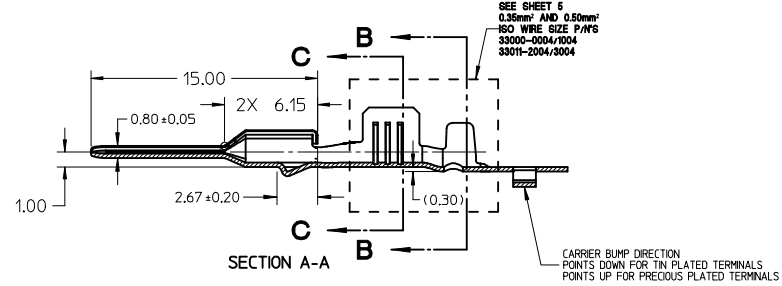
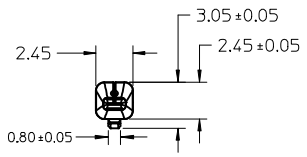
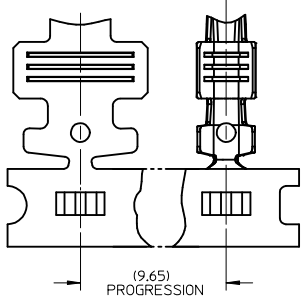
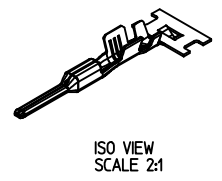
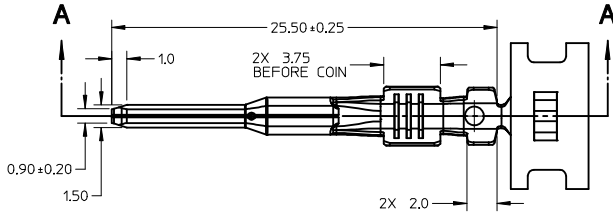
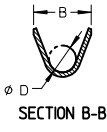
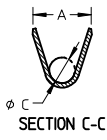
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

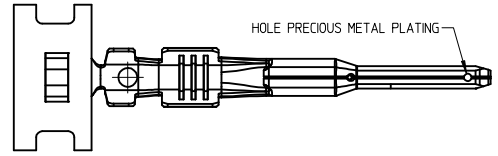
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



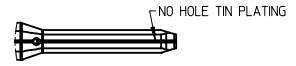


GENERAL NOTES: (UNLESS OTHERWISE SPECIFIED)

- 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
- TIN PLATED TERMINAL FINISH:  
OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL  
OVERALL ELECTRODEPOSITED REFLOW TIN
- GOLD PLATED TERMINAL FINISH:  
OVERALL UNDERPLATE ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL  
CONTACT AREA - ELECTRODEPOSITED GOLD  
GRIP AREA - ELECTRODEPOSITED 100% TIN MATTE FINISH
- SILVER PLATED TERMINAL FINISH:  
OVERALL UNDERPLATE ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL  
CONTACT AREA - ELECTRODEPOSITED PURE SILVER (0.5% MAX IMPURITIES) SEMI-BRIGHT FINISH  
- SILVER ANTI-TARNISH : EVABRITE  
GRIP AREA - ELECTRODEPOSITED 100% TIN MATTE FINISH
- MEETS CRIMP PERFORMANCE SPECIFICATION SAE/USCAR-21 (8/2001)
- MEETS PERFORMANCE STANDARD FOR AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS SAE/USCAR-2 REV 3 (APRIL 2001)
- MEETS FIELD CORRELATED LIFE TEST SAE/USCAR-20 (11/2001)
- MEETS WIRING COMPONENT DESIGN GUIDELINES SAE/USCAR-12 REV 2 (12/2001)
- MEETS ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) REV 11 (5/2002)
- REFERENCE PK-31300-516 FOR REEL DIRECTION
- REFERENCE AS-33000-001 FOR CRIMP INFORMATION



PRECIOUS METAL PLATED BLADE



TIN PLATED BLADE

<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRW:BJENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03	QUALITY SYMBOLS	DESCRIPTION
	▽=0	
	▽=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 ± 3°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

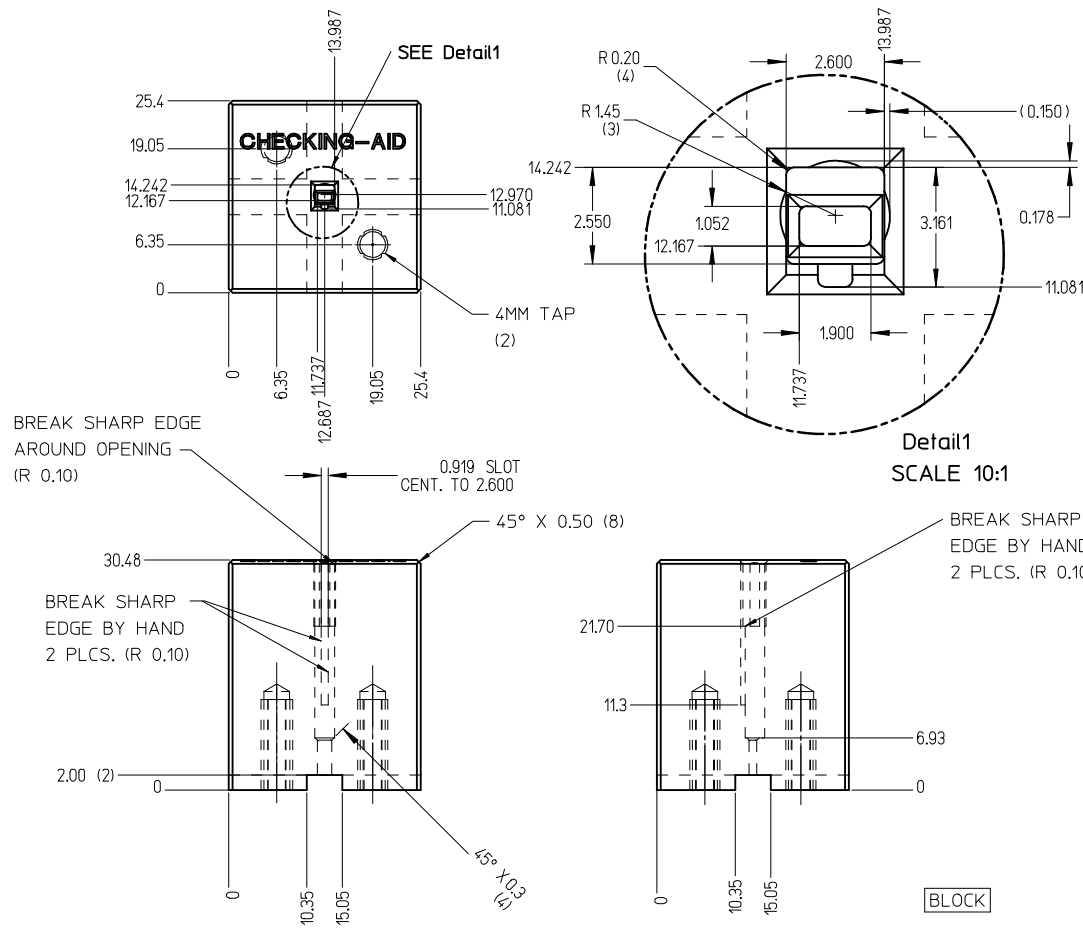
DIMENSION STYLE <b>MM ONLY</b>	
DRAWN BY	DATE
L.PULLIAM	2006/01/31
CHECKED BY	DATE
A.DHIR	2006/02/01
APPROVED BY	DATE
B.MOSER	2006/02/02
MATERIAL NO.	
SEE TABLE	
SIZE	C

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

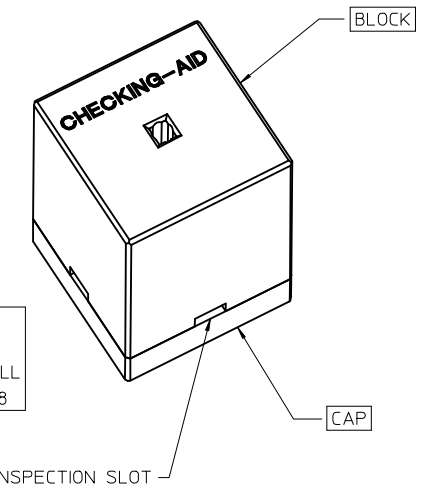
FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.30	B ±0.30	C ±0.30	D ±0.30	SPECIAL CHARACTERISTICS
MX150	BLADE	MAT SEAL UNSEALED	Sn	33000-0001	RIGHT (B)	14	14AWG	3.9	3.8	1.7	1.6	HIGH PERFORMANCE Sn
				33000-1001	LEFT (D)		1.50-2.00mm <sup>2</sup>					
				33000-0002	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	
				33000-1002	LEFT (D)		0.75-1.00mm <sup>2</sup>					
				33000-0003	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	
				33000-1003	LEFT (D)							
			33000-0004	RIGHT (B)	M3	0.35-0.50mm <sup>2</sup>	2.5	2.7	0.9	1.54 ±0.1		
			33000-1004	LEFT (D)								
			Au	33011-1002	RIGHT (B)	14	14AWG	3.9	3.8	1.7	1.6	HIGH PERFORMANCE Au
				33011-0002	LEFT (D)		1.50-2.00mm <sup>2</sup>					
				33011-1004	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	
				33011-0004	LEFT (D)		0.75-1.00mm <sup>2</sup>					
				33011-1006	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	
				33011-0006	LEFT (D)							
			33011-1008	RIGHT (B)	M3	0.35-0.50mm <sup>2</sup>	2.5	2.7	0.9	1.54 ±0.1		
			33011-0008	LEFT (D)								
			Ag	33011-2003	RIGHT (B)	14	14AWG	3.9	3.8	1.7	1.6	HIGH PERFORMANCE Ag
				33011-3003	LEFT (D)		1.50-2.00mm <sup>2</sup>					
				33011-2002	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	
				33011-3002	LEFT (D)		0.75-1.00mm <sup>2</sup>					
				33011-2001	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	
33011-3001	LEFT (D)											
33011-2004	RIGHT (B)	M3	0.35-0.50mm <sup>2</sup>	2.5	2.7	0.9	1.54 ±0.1					
33011-3004	LEFT (D)											

\* REFERENCE AS-33000-001 FOR SPECIFIC WIRE TYPES

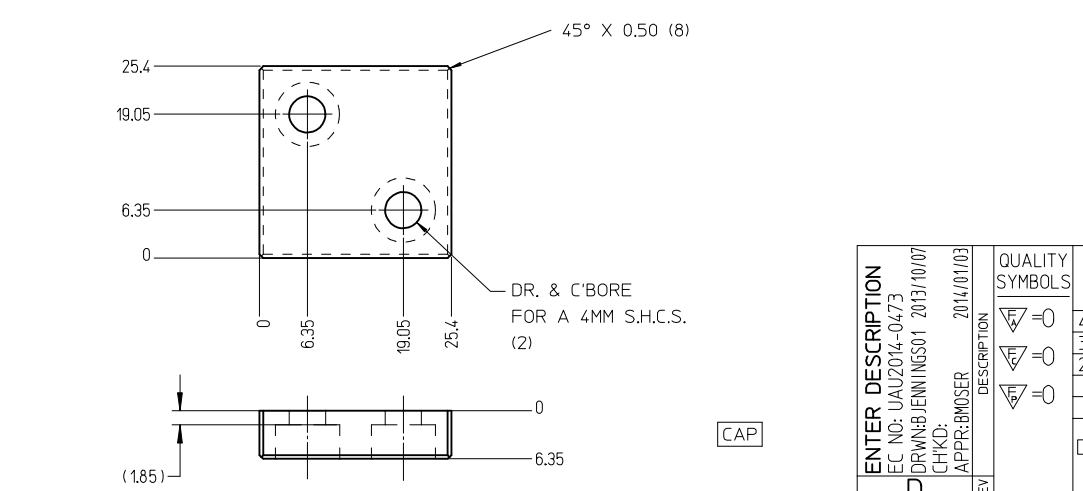
<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRWNB:JENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE L.PULLIAM 2006/01/31	TITLE	MX150 15MM BLADE TERMINAL	
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE A.DHIR 2006/02/01			
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE B.MOSER 2006/02/02			
	2 PLACES ± 0.1 ± ---	MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SD-33000-001	SHEET NO. 2 OF 5
	1 PLACE ± 0.3 ± ---	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		



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

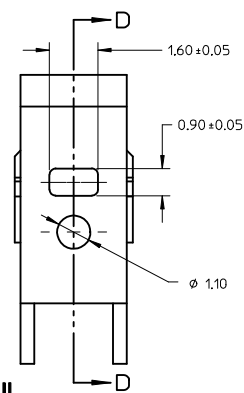
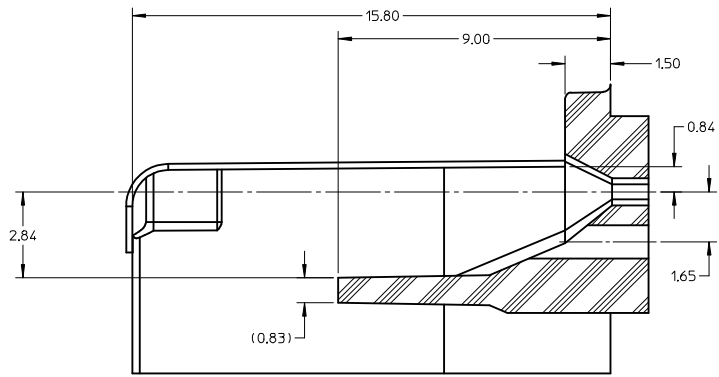
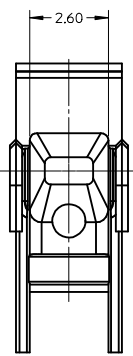


CHECKING AID TOLERANCE  
 .XXX = .005  
 .XX = .03  
 .X = .3

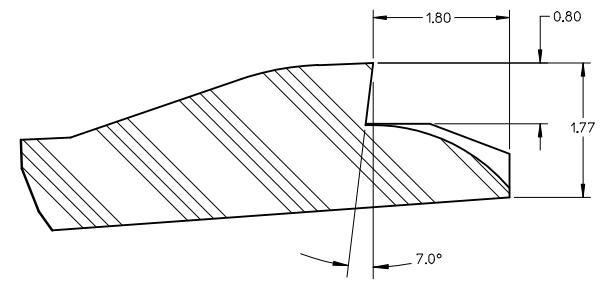
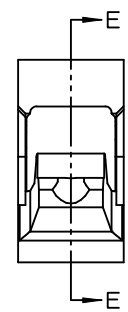
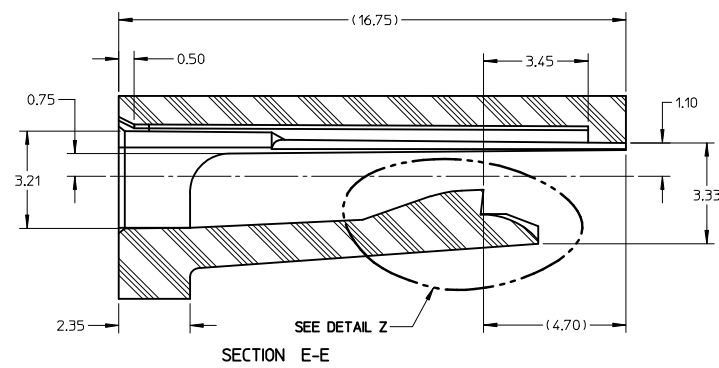
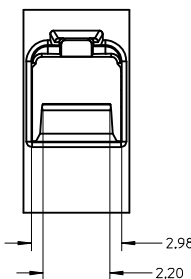


- CRIMP REQUIREMENTS:
1. CRIMP STRAIGHTNESS MUST BE MAINTAINED. USE A KNOCKDOWN TOOL LOCATED AS SHOWN. TERMINAL BOX MUST NOT BE DEFORMED
  2. AFTER CRIMPING, THE TERMINAL AND WIRE MUST FIT FREELY INTO THE CHECKING AID 33000-700. PROPER INSERTION DEPTH IS MET WHEN BLADE TIP STOPS ON CAP. SLOTS PROVIDED 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)

<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRWNB/JENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> <b>MM ONLY</b>		<b>SCALE</b> 2:1	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.3 ± ---	mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± --- ± ---	DRAWN BY L.PULLIAM 2006/01/31	CHECKED BY A.DHIR 2006/02/01	APPROVED BY B.MOSER 2006/02/02	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-33000-001</b>
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		SIZE <b>SEE TABLE</b>		<b>MOLEX INCORPORATED</b>		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



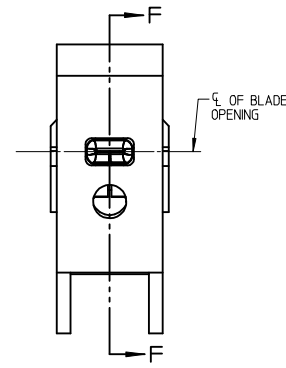
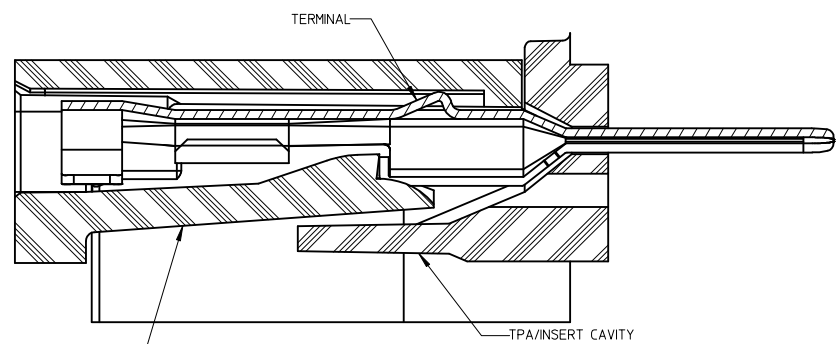
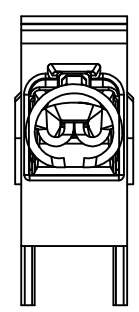
SECTION D-D TPA/INSERT DETAIL



DETAIL Z SCALE 20:1

HOUSING DETAIL

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- TOLERANCES: LINEAR ±0.10  
ANGULAR 3°
  - ALL DRAFT WITHIN TOLERANCE
  - MAX RADI ON ALL CORNERS SHOWN SHARP: 0.10
  - MAX FLASH PERMISSIBLE: 0.1
  - EJECTOR PIN MARKS PERMISSIBLE IF FLUSH TO 0.25 BELOW SURFACE
  - 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
  - CAVITY SPEC FOR USE ONLY WITH MOLEX BLADE TERMINAL PART NUMBERS (EXCEPT P/N'S FOR UNSEALED APPLICATIONS) SPECIFIED ELSEWHERE ON THIS DRAWING



BLADE TERMINAL HOUSING CAVITY SECTION F-F

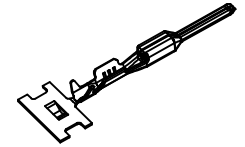
BLADE CAVITY ASSEMBLY VIEWS

ENTER DESCRIPTION EC NO: UAU2014-0473 DRAWING NUMBER: 2013/10/07 CHKD: APPR: BMOSE REV: 2014/01/03	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0
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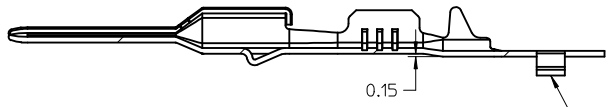
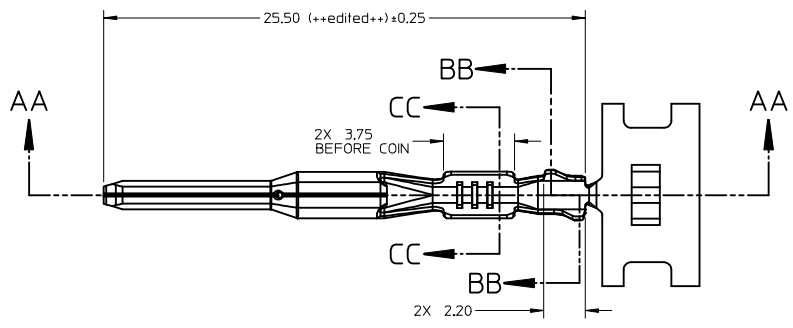
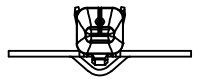
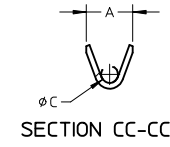
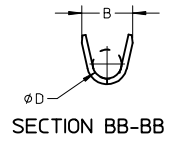
GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY
4 PLACES ± --- ± ---	DRAWN BY DATE L.PULLIAM 2006/01/31
3 PLACES ± --- ± ---	CHECKED BY DATE A.DHIR 2006/02/01
2 PLACES ± 0.1 ± ---	APPROVED BY DATE B.MOSER 2006/02/02
1 PLACE ± 0.3 ± ---	MATERIAL NO.
ANGULAR ± 3°	DOCUMENT NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C

TITLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MX150 15MM BLADE TERMINAL		METRIC	
SEE TABLE		MOLEX INCORPORATED	
SD-33000-001		SHEET NO. 4 OF 5	

MOLEX INCORPORATED	
SD-33000-001	SHEET NO. 4 OF 5
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ISO VIEW  
SCALE 2:1

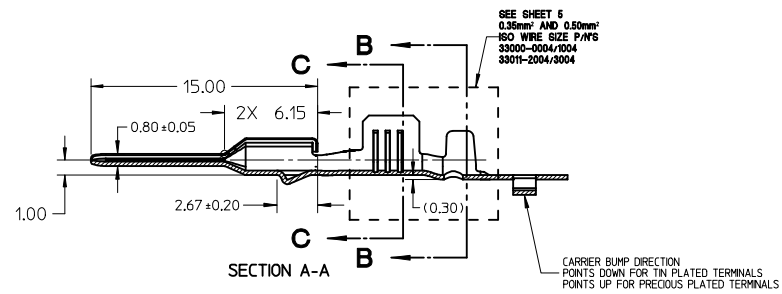
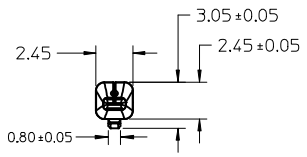
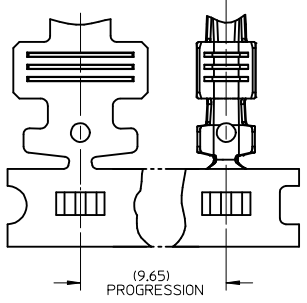
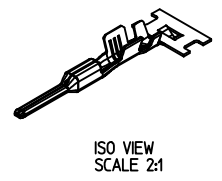
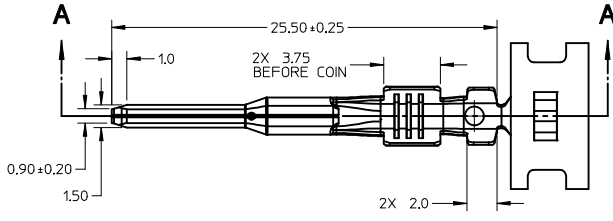
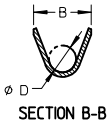
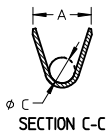


SECTION AA-AA

P/N'S 33000-0004/1004  
33011-2004/3004

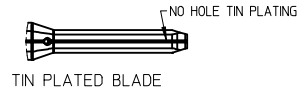
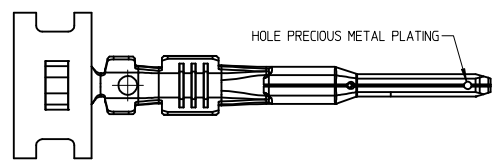
CARRIER BUMP DIRECTION  
POINTS DOWN FOR TIN PLATED TERMINALS  
POINTS UP FOR PRECIOUS METAL PLATED TERMINALS

ENTER DESCRIPTION EC NO: UAU2014-0473 DRW:NB.JENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	L.PULLIAM 2006/01/31	MX150 15MM BLADE TERMINAL		
	2 PLACES ± 0.1 ± ---	CHECKED BY DATE	MOLEX INCORPORATED SD-33000-001			
	1 PLACE ± 0.3 ± ---	A.DHIR 2006/02/01				
	ANGULAR ± 3°	APPROVED BY DATE	SHEET NO.			
		B.MOSER 2006/02/02	5 OF 5			
		MATERIAL NO.	DOCUMENT NO.			
		SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



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OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL  
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CONTACT AREA - ELECTRODEPOSITED PURE SILVER (0.5% MAX IMPURITIES) SEMI-BRIGHT FINISH  
- SILVER ANTI-TARNISH : EVABRITE  
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- MEETS CRIMP PERFORMANCE SPECIFICATION SAE/USCAR-21 (8/2001)
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SAE/USCAR-2 REV 3 (APRIL 2001)
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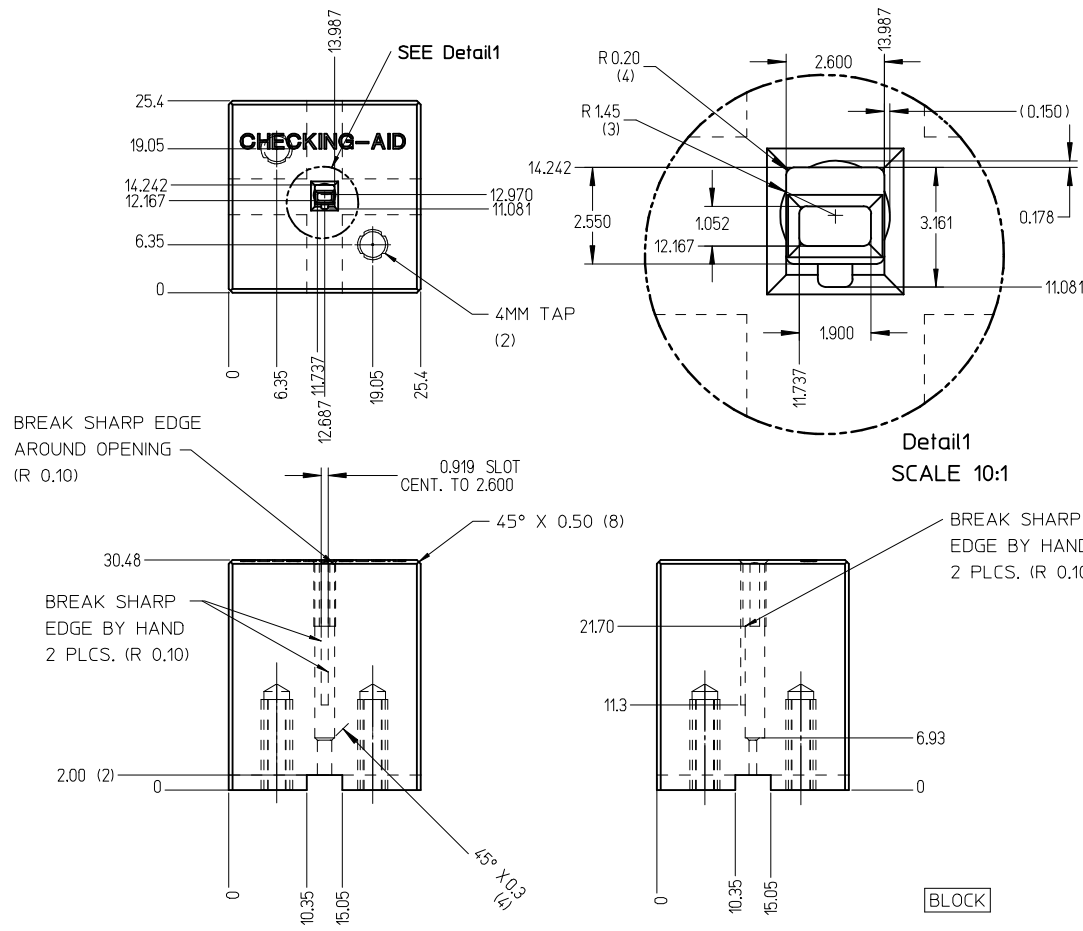
<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRW:BJENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	MX150 15MM BLADE TERMINAL	
	▽=0	2 PLACES ± 0.1 ± ---	1 PLACE ± 0.3 ± ---	L.PULLIAM 2006/01/31			
REV	DESCRIPTION	ANGULAR ± 3 °		CHECKED BY DATE	MOLEX INCORPORATED		
D		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A.DHIR 2006/02/01	DOCUMENT NO.		SHEET NO.
				APPROVED BY DATE	SD-33000-001		1 OF 5
				B.MOSER 2006/02/02	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.30	B ±0.30	C ±0.30	D ±0.30	SPECIAL CHARACTERISTICS
MX150	BLADE	MAT SEAL UNSEALED	Sn	33000-0001	RIGHT (B)	14	14AWG	3.9	3.8	1.7	1.6	HIGH PERFORMANCE Sn
				33000-1001	LEFT (D)		1.50-2.00mm <sup>2</sup>					
				33000-0002	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	
				33000-1002	LEFT (D)		0.75-1.00mm <sup>2</sup>					
				33000-0003	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	
				33000-1003	LEFT (D)							
			33000-0004	RIGHT (B)	M3	0.35-0.50mm <sup>2</sup>	2.5	2.7	0.9	1.54 ±0.1		
			33000-1004	LEFT (D)								
			Au	33011-1002	RIGHT (B)	14	14AWG	3.9	3.8	1.7	1.6	HIGH PERFORMANCE Au
				33011-0002	LEFT (D)		1.50-2.00mm <sup>2</sup>					
				33011-1004	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	
				33011-0004	LEFT (D)		0.75-1.00mm <sup>2</sup>					
				33011-1006	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	
				33011-0006	LEFT (D)							
			33011-1008	RIGHT (B)	M3	0.35-0.50mm <sup>2</sup>	2.5	2.7	0.9	1.54 ±0.1		
			33011-0008	LEFT (D)								
			Ag	33011-2003	RIGHT (B)	14	14AWG	3.9	3.8	1.7	1.6	HIGH PERFORMANCE Ag
				33011-3003	LEFT (D)		1.50-2.00mm <sup>2</sup>					
				33011-2002	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	
				33011-3002	LEFT (D)		0.75-1.00mm <sup>2</sup>					
				33011-2001	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	
33011-3001	LEFT (D)											
33011-2004	RIGHT (B)	M3	0.35-0.50mm <sup>2</sup>	2.5	2.7	0.9	1.54 ±0.1					
33011-3004	LEFT (D)											

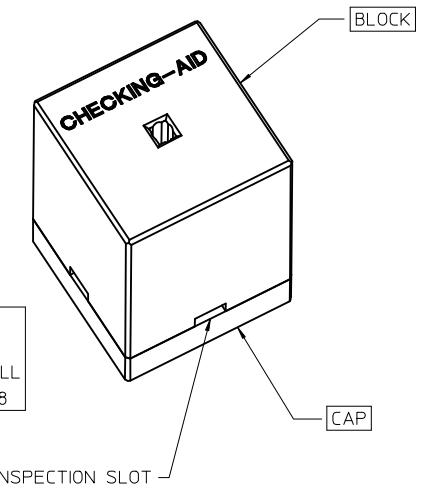
\* REFERENCE AS-33000-001 FOR SPECIFIC WIRE TYPES

<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRWNB:JENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE L.PULLIAM 2006/01/31	TITLE	MX150 15MM BLADE TERMINAL	
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE A.DHIR 2006/02/01			
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE B.MOSER 2006/02/02			
	2 PLACES ± 0.1 ± ---	MATERIAL NO.	SEE TABLE	DOCUMENT NO.	SD-33000-001	SHEET NO. 2 OF 5
	1 PLACE ± 0.3 ± ---	ANGULAR ± 3 °	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

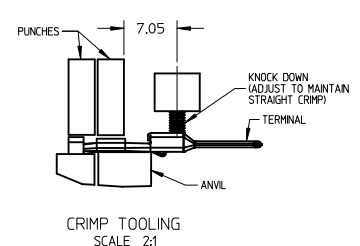
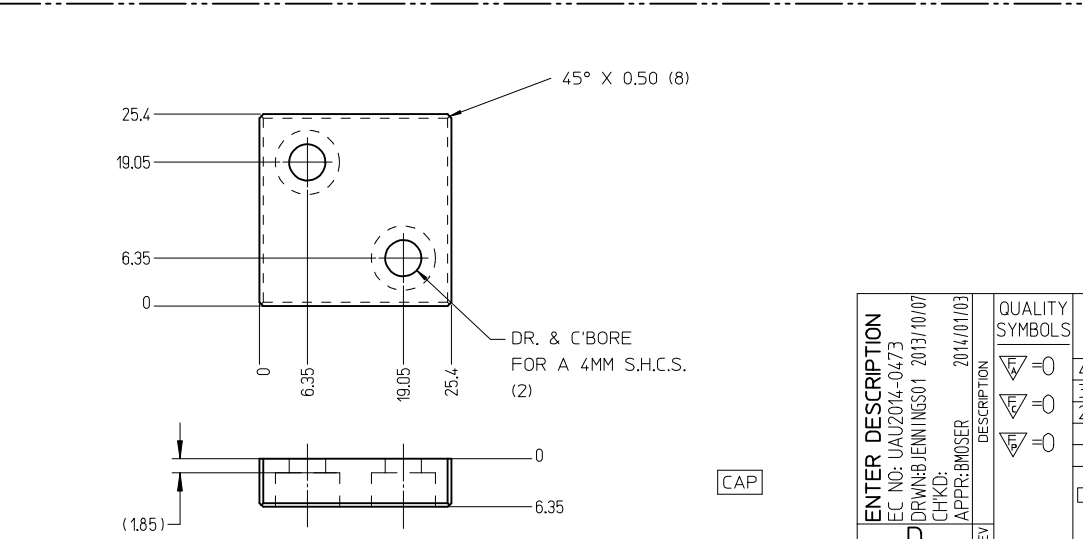




CHECKING-AID  
 2 PIECE ASM. A2 TOOL STEEL  
 HARDEN & GRIND TO A ROCKWELL  
 HARDNESS "C" SCALE OF 56-58



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



- 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)

REV	DESCRIPTION	DATE
D	ENTER DESCRIPTION EC NO: UAU2014-0473 DRWNB/JENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03	

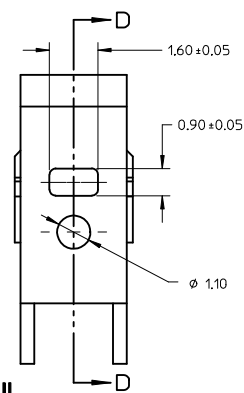
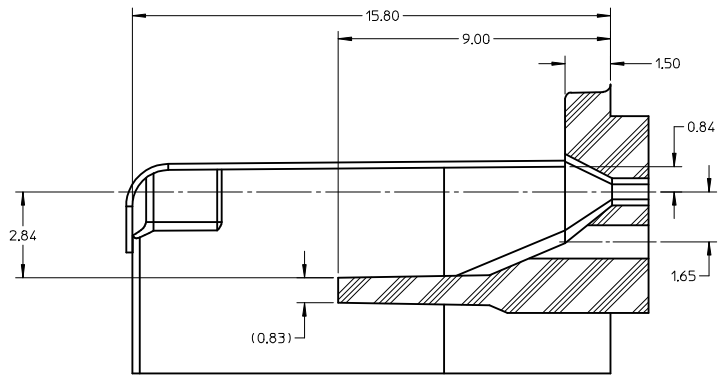
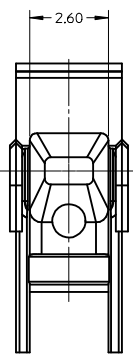
QUALITY SYMBOLS	
▽=0	
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES ±	---
3 PLACES ±	---
2 PLACES ±	0.1
1 PLACE ±	0.3
ANGULAR ± 3°	

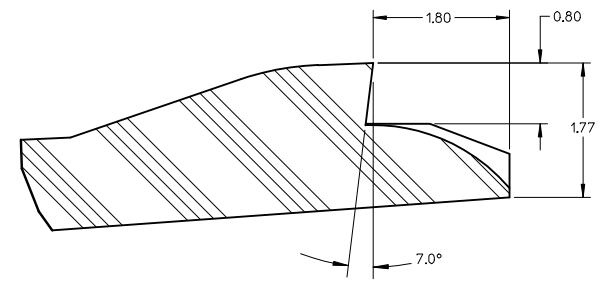
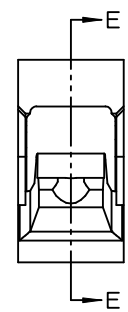
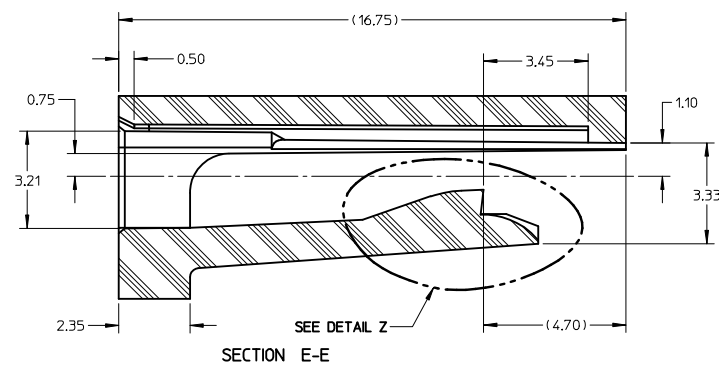
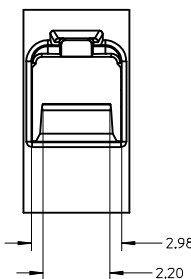
DRAWN BY L.PULLIAM	DATE 2006/01/31	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
CHECKED BY A.DHIR	DATE 2006/02/01	MX150 1.5MM BLADE TERMINAL		
APPROVED BY B.MOSER	DATE 2006/02/02	MOLEX INCORPORATED		
MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-33000-001	SHEET NO. 3 OF 5	

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

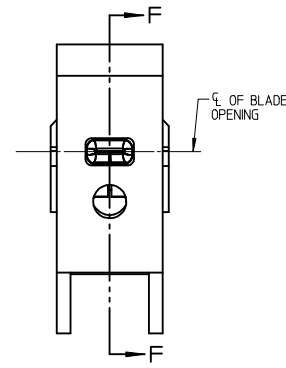
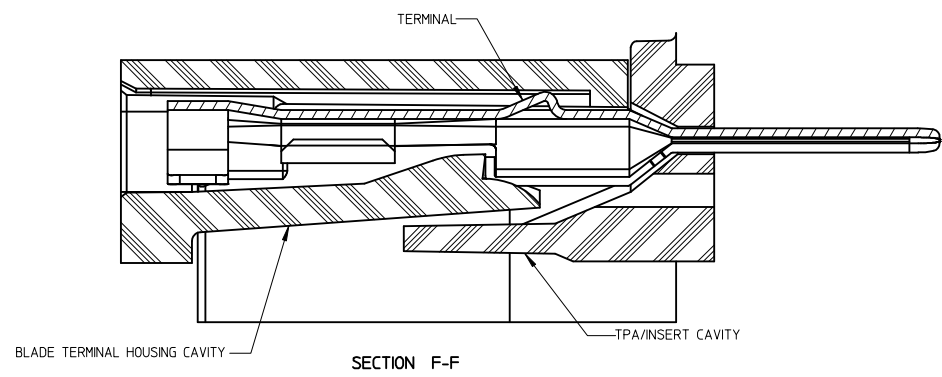
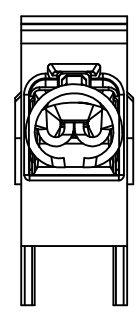


SECTION D-D TPA/INSERT DETAIL



DETAIL Z SCALE 20:1

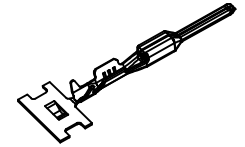
HOUSING DETAIL



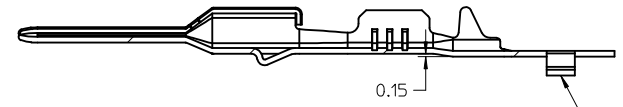
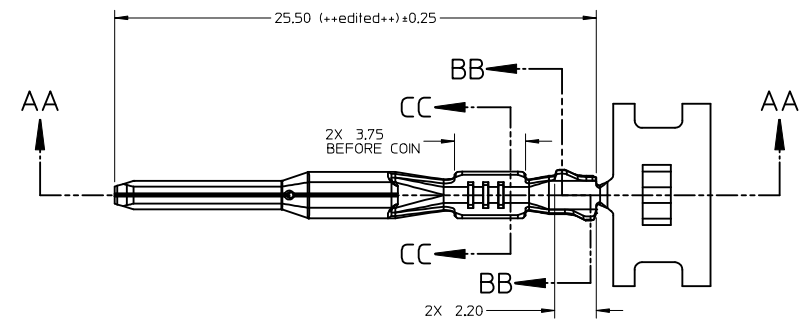
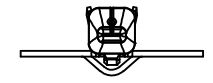
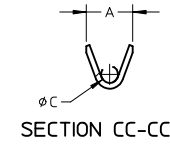
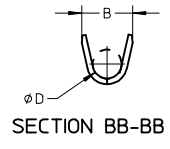
BLADE CAVITY ASSEMBLY VIEWS

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- TOLERANCES: LINEAR  $\pm 0.10$   
ANGULAR  $3^\circ$
  - ALL DRAFT WITHIN TOLERANCE
  - MAX RADI ON ALL CORNERS SHOWN SHARP: 0.10
  - MAX FLASH PERMISSIBLE: 0.1
  - EJECTOR PIN MARKS PERMISSIBLE IF FLUSH TO 0.25 BELOW SURFACE
  - 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
  - CAVITY SPEC FOR USE ONLY WITH MOLEX BLADE TERMINAL PART NUMBERS (EXCEPT P/N'S FOR UNSEALED APPLICATIONS) SPECIFIED ELSEWHERE ON THIS DRAWING

<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRWING: JENNINGS01 2013/10/07 CHKD: APPR: BMOSER 2014/01/03 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td><math>\pm 0.1</math></td> <td><math>\pm 0.004</math></td> </tr> <tr> <td>3 PLACES</td> <td><math>\pm 0.15</math></td> <td><math>\pm 0.006</math></td> </tr> <tr> <td>2 PLACES</td> <td><math>\pm 0.2</math></td> <td><math>\pm 0.008</math></td> </tr> <tr> <td>1 PLACE</td> <td><math>\pm 0.3</math></td> <td><math>\pm 0.012</math></td> </tr> </tbody> </table>		mm	INCH	4 PLACES	$\pm 0.1$	$\pm 0.004$	3 PLACES	$\pm 0.15$	$\pm 0.006$	2 PLACES	$\pm 0.2$	$\pm 0.008$	1 PLACE	$\pm 0.3$	$\pm 0.012$	MM ONLY	Metric	Metric	
		mm	INCH																		
	4 PLACES	$\pm 0.1$	$\pm 0.004$																		
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2 PLACES	$\pm 0.2$	$\pm 0.008$																			
1 PLACE	$\pm 0.3$	$\pm 0.012$																			
			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	SHEET NO. 4 OF 5															
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS ANGULAR $\pm 3^\circ$	SEE TABLE SIZE C	MATERIAL NO. SD-33000-001	DOCUMENT NO.																



ISO VIEW  
SCALE 2:1



SECTION AA-AA  
P/N'S 33000-0004/1004  
33011-2004/3004

CARRIER BUMP DIRECTION  
POINTS DOWN FOR TIN PLATED TERMINALS  
POINTS UP FOR PRECIOUS METAL PLATED TERMINALS

<b>ENTER DESCRIPTION</b> EC NO: UAU2014-0473 DRW:BJENNINGS01 2013/10/07 CHKD: APPR:BMOSER 2014/01/03 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	MX150 15MM BLADE TERMINAL	
	▽=0	3 PLACES ± --- ± ---	L.PULLIAM 2006/01/31			
	2 PLACES ± 0.1 ± ---	CHECKED BY DATE	MOLEX INCORPORATED			
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	ANGULAR ± 3°	MATERIAL NO.	DOCUMENT NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			
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