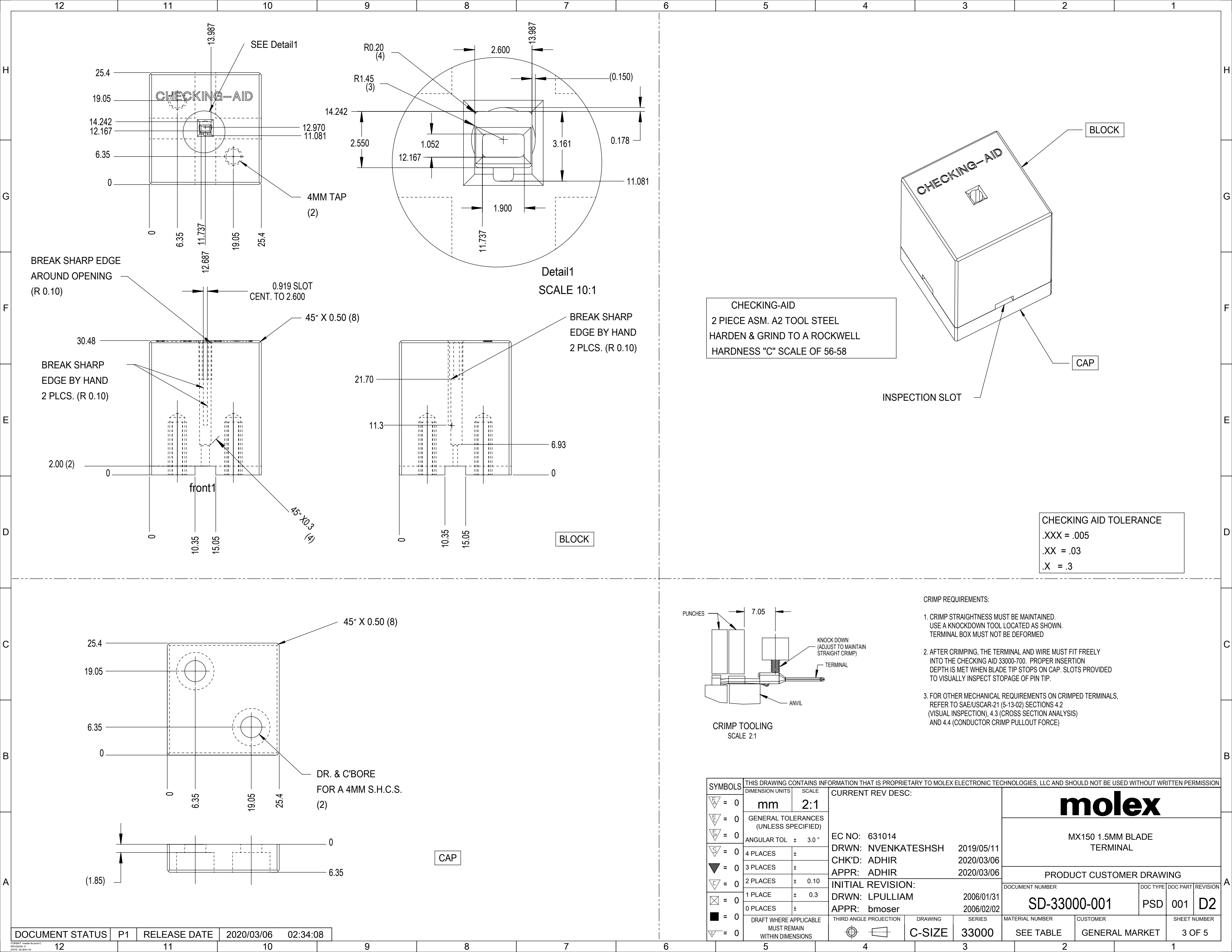


12	11	10	9	8	7	6	5	4	3	2	1																																																																																																																																																				
<table><tr><td>FAMILY</td><td>GENDER</td><td>SEALING</td><td>PLATING</td><td>PART NUMBER</td><td>PAYOFF DIRECTION</td><td>GRIP CODE</td><td>WIRE SIZES*</td><td>A ±0.30</td><td>B ±0.30</td><td>C ±0.30</td><td>D ±0.30</td><td>SPECIAL CHARACTERISTICS</td></tr><tr><td rowspan="24">MX150</td><td rowspan="24">BLADE</td><td rowspan="24">MAT SEAL UNSEALED</td><td rowspan="8">Sn</td><td>33000-0001</td><td>RIGHT (B)</td><td rowspan="2">14</td><td>14AWG</td><td rowspan="2">3.9</td><td rowspan="2">3.8</td><td rowspan="2">1.7</td><td rowspan="2">1.6</td><td rowspan="8">HIGH PERFORMANCE Sn</td></tr><tr><td>33000-1001</td><td>LEFT (D)</td><td>1.50-2.00mm²</td></tr><tr><td>33000-0002</td><td>RIGHT (B)</td><td rowspan="2">18</td><td>20/18/16AWG</td><td rowspan="2">3.3</td><td rowspan="2">3.1</td><td rowspan="2">1.3</td><td rowspan="2">1.4</td></tr><tr><td>33000-1002</td><td>LEFT (D)</td><td>0.75-1.25mm²</td></tr><tr><td>33000-0003</td><td>RIGHT (B)</td><td rowspan="2">22</td><td>22AWG</td><td rowspan="2">2.5</td><td rowspan="2">2.6</td><td rowspan="2">0.9</td><td rowspan="2">1.0</td></tr><tr><td>33000-1003</td><td>LEFT (D)</td></tr><tr><td>33000-0004</td><td>RIGHT (B)</td><td rowspan="2">M3</td><td>0.35-0.50mm²</td><td rowspan="2">2.5</td><td rowspan="2">2.7</td><td rowspan="2">0.9</td><td rowspan="2">1.54 ±0.1</td></tr><tr><td>33000-1004</td><td>LEFT (D)</td></tr><tr><td rowspan="8">Au</td><td>33011-1002</td><td>RIGHT (B)</td><td rowspan="2">14</td><td>14AWG</td><td rowspan="2">3.9</td><td rowspan="2">3.8</td><td rowspan="2">1.7</td><td rowspan="2">1.6</td><td rowspan="8">HIGH PERFORMANCE Au</td></tr><tr><td>33011-0002</td><td>LEFT (D)</td><td>1.50-2.00mm²</td></tr><tr><td>33011-1004</td><td>RIGHT (B)</td><td rowspan="2">18</td><td>20/18/16AWG</td><td rowspan="2">3.3</td><td rowspan="2">3.1</td><td rowspan="2">1.3</td><td rowspan="2">1.4</td></tr><tr><td>33011-0004</td><td>LEFT (D)</td><td>0.75-1.25mm²</td></tr><tr><td>33011-1006</td><td>RIGHT (B)</td><td rowspan="2">22</td><td>22AWG</td><td rowspan="2">2.5</td><td rowspan="2">2.6</td><td rowspan="2">0.9</td><td rowspan="2">1.0</td></tr><tr><td>33011-0006</td><td>LEFT (D)</td></tr><tr><td>33011-1008</td><td>RIGHT (B)</td><td rowspan="2">M3</td><td>0.35-0.50mm²</td><td rowspan="2">2.5</td><td rowspan="2">2.7</td><td rowspan="2">0.9</td><td rowspan="2">1.54 ±0.1</td></tr><tr><td>33011-0008</td><td>LEFT (D)</td></tr><tr><td rowspan="8">Ag</td><td>33011-2003</td><td>RIGHT (B)</td><td rowspan="2">14</td><td>14AWG</td><td rowspan="2">3.9</td><td rowspan="2">3.8</td><td rowspan="2">1.7</td><td rowspan="2">1.6</td><td rowspan="8">HIGH PERFORMANCE Ag</td></tr><tr><td>33011-3003</td><td>LEFT (D)</td><td>1.50-2.00mm²</td></tr><tr><td>33011-2002</td><td>RIGHT (B)</td><td rowspan="2">18</td><td>20/18/16AWG</td><td rowspan="2">3.3</td><td rowspan="2">3.1</td><td rowspan="2">1.3</td><td rowspan="2">1.4</td></tr><tr><td>33011-3002</td><td>LEFT (D)</td><td>0.75-1.25mm²</td></tr><tr><td>33011-2001</td><td>RIGHT (B)</td><td rowspan="2">22</td><td>22AWG</td><td rowspan="2">2.5</td><td rowspan="2">2.6</td><td rowspan="2">0.9</td><td rowspan="2">1.0</td></tr><tr><td>33011-3001</td><td>LEFT (D)</td></tr><tr><td>33011-2004</td><td>RIGHT (B)</td><td rowspan="2">M3</td><td>0.35-0.50mm²</td><td rowspan="2">2.5</td><td rowspan="2">2.7</td><td rowspan="2">0.9</td><td rowspan="2">1.54 ±0.1</td></tr><tr><td>33011-3004</td><td>LEFT (D)</td></tr></table>												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)	1.50-2.00mm²	33000-0002	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	33000-1002	LEFT (D)	0.75-1.25mm²	33000-0003	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	33000-1003	LEFT (D)	33000-0004	RIGHT (B)	M3	0.35-0.50mm²	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)	1.50-2.00mm²	33011-1004	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	33011-0004	LEFT (D)	0.75-1.25mm²	33011-1006	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	33011-0006	LEFT (D)	33011-1008	RIGHT (B)	M3	0.35-0.50mm²	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)	1.50-2.00mm²	33011-2002	RIGHT (B)	18	20/18/16AWG	3.3	3.1	1.3	1.4	33011-3002	LEFT (D)	0.75-1.25mm²	33011-2001	RIGHT (B)	22	22AWG	2.5	2.6	0.9	1.0	33011-3001	LEFT (D)	33011-2004	RIGHT (B)	M3	0.35-0.50mm²	2.5	2.7	0.9	1.54 ±0.1	33011-3004	LEFT (D)
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																																																																																																																																																			
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| * REFERENCE AS-33000-001 FOR SPECIFIC WIRE TYPES | | | | | | | | | | | |

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																															
	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex MX150 1.5MM BLADE TERMINAL PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">SD-33000-001</td><td>PSD</td><td>001</td><td>D2</td></tr><tr><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td>2 OF 5</td></tr></table>				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	SD-33000-001		PSD	001	D2	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	SEE TABLE		GENERAL MARKET		2 OF 5
	DOCUMENT NUMBER		DOC TYPE	DOC PART									REVISION																			
	SD-33000-001		PSD	001	D2																											
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	mm																															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																															
	ANGULAR TOL ± 3.0 °																															
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0 PLACES ±																																
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER																						
				C-SIZE		33000		SEE TABLE		GENERAL MARKET																						

DOCUMENT STATUS	P1	RELEASE DATE	2020/03/06 02:34:08	9	8	7	6	5	4	3	2	1
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SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
	= 0	mm		2:1													
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	= 0	ANGULAR TOL ± 3.0 °															
	= 0	4 PLACES		±						EC NO: 631014							
	= 0	3 PLACES		±		DRWN: NVENKATESHSH 2019/05/11				MX150 1.5MM BLADE TERMINAL							
	= 0	2 PLACES		± 0.10		CHK'D: ADHIR 2020/03/06											
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molex

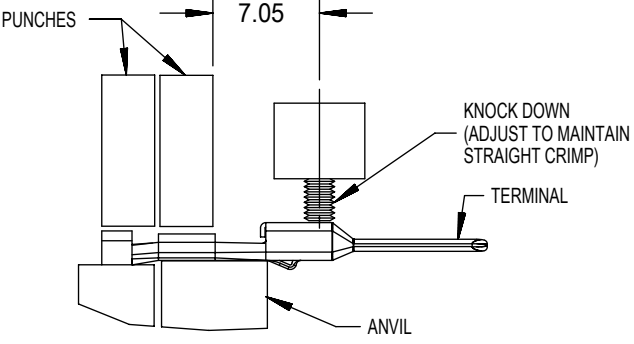
MX150 1.5MM BLADE
TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33000-001	PSD	001	D2

CRIMP REQUIREMENTS:

- CRIMP STRAIGHTNESS MUST BE MAINTAINED. USE A KNOCKDOWN TOOL LOCATED AS SHOWN. TERMINAL BOX MUST NOT BE DEFORMED
- 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 STOPAGE OF PIN TIP.
- 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)

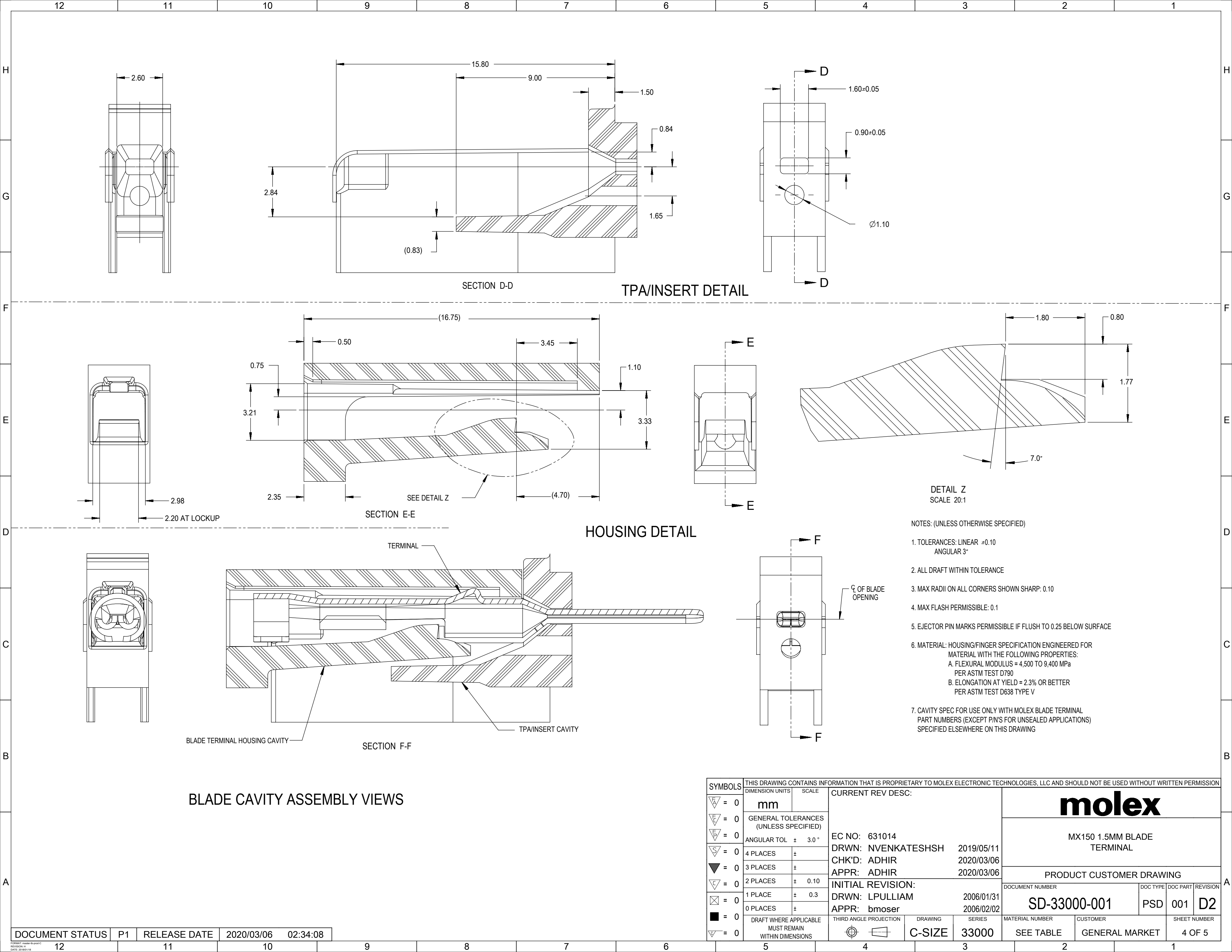


CRIMP TOOLING
SCALE 2:1

Detail1
SCALE 10:1

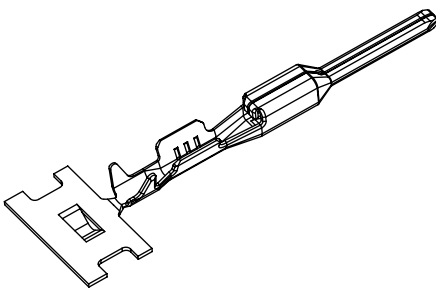
CHECKING AID TOLERANCE

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.XX = .03
.X = .3

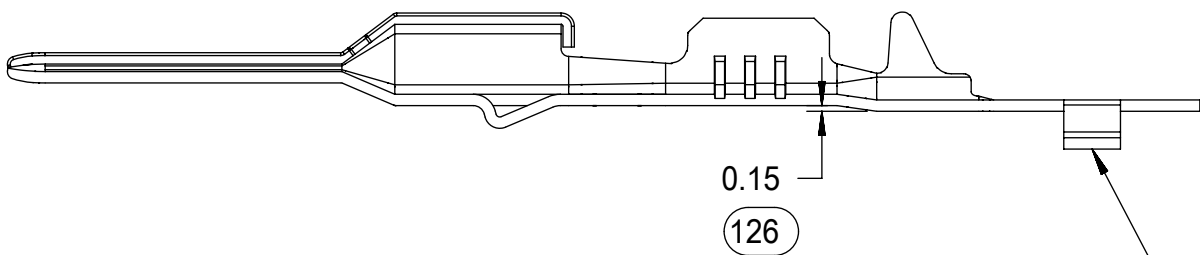
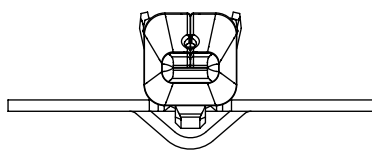
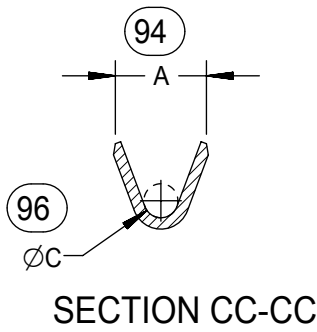
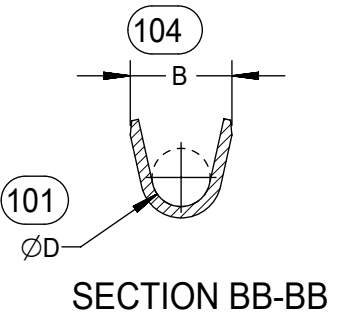
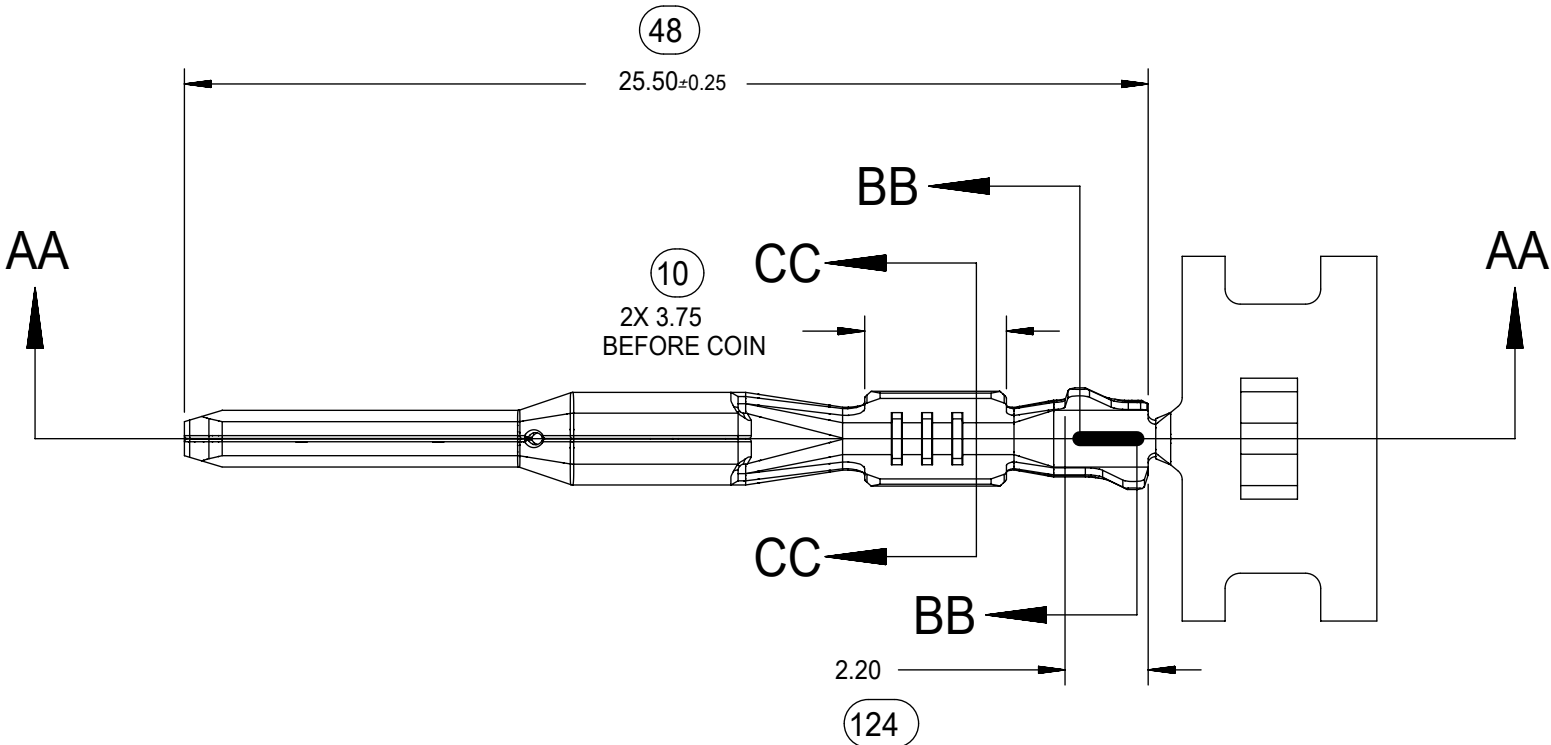


SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS		SCALE	CURRENT REV DESC:
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	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	= 0	ANGULAR TOL ± 3.0 °	
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	= 0	3 PLACES ±	
	= 0	2 PLACES ± 0.10	
	= 0	1 PLACE ± 0.3	
	= 0	0 PLACES ±	THIRD ANGLE PROJECTION
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
		DRAWING	
		SERIES	
		MATERIAL NUMBER	CUSTOMER
		SHEET NUMBER	

molex			
MX150 1.5MM BLADE TERMINAL			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-33000-001	PSD	001	D2
SEE TABLE	GENERAL MARKET	4 OF 5	



ISO VIEW
SCALE 2:1



SECTION AA-AA
M3 GRIP CODE TERMINAL
SEE TABLE (SHEET 2) FOR PART NUMBERS

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

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 631014 DRWN: NVENKATESHSH 2019/05/11 CHK'D: ADHIR 2020/03/06 APPR: ADHIR 2020/03/06			molex MX150 1.5MM BLADE TERMINAL								
	mm		5:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)							INITIAL REVISION: DRWN: LPULLIAM 2006/01/31 APPR: bmoser 2006/02/02			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	ANGULAR TOL ± 3.0 °										SD-33000-001		PSD	001	D2	
	4 PLACES		±		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER					
	3 PLACES		±		DRAWING		C-SIZE		33000		SEE TABLE		GENERAL MARKET		5 OF 5	
	2 PLACES		± 0.10		THIRD ANGLE PROJECTION		SERIES		33000		SEE TABLE		GENERAL MARKET		5 OF 5	
	1 PLACE		± 0.3		DRAWING		SERIES		33000		SEE TABLE		GENERAL MARKET		5 OF 5	
	0 PLACES		±		THIRD ANGLE PROJECTION		SERIES		33000		SEE TABLE		GENERAL MARKET		5 OF 5	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		SERIES		33000		SEE TABLE		GENERAL MARKET		5 OF 5	