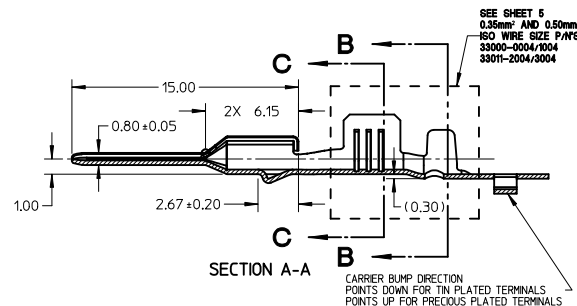
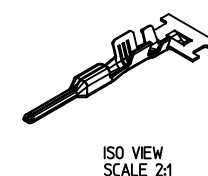
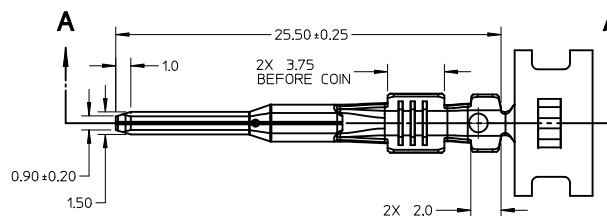
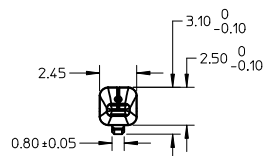
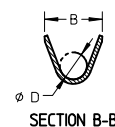
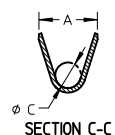
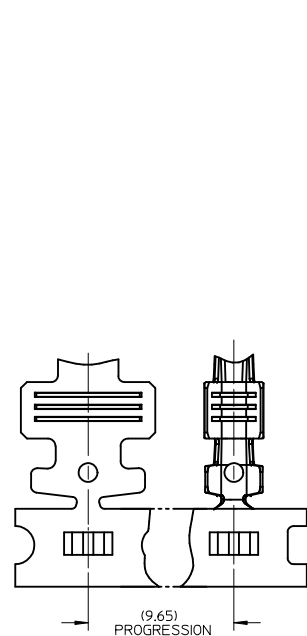
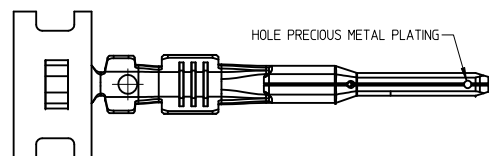


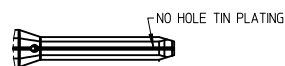


GENERAL NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATING TERMINAL SHOWN ON SD-33012-002
2. MATERIAL: ASTM B422, UNS C19025, HR04
THICKNESS: 0.30 mm ± 0.01
TEMPER: FULL HARD (REF)
TENSILE: 496-572 MPA
3. TIN PLATED TERMINAL FINISH:
OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL
OVERALL ELECTRODEPOSITED REFLOW TIN
4. GOLD PLATED TERMINAL FINISH:
OVERALL UNDERPLATE ELECTRODEPOSITED DUCTILE SULFAMATE NICKEL
CONTACT AREA - ELECTRODEPOSITED GOLD
GRIP AREA - ELECTRODEPOSITED 100% TIN MATTE FINISH
5. 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
6. MEETS CRIMP PERFORMANCE SPECIFICATION SAE/USCAR-21 (RELEASED: 08/25/01)
7. MEETS PERFORMANCE STANDARD FOR AUTOMOTIVE ELECTRICAL CONNECTOR SYSTEMS
SAE/USCAR-2 REV 3 (APRIL 2001)
8. MEETS FIELD CORRELATED LIFE TEST SAE/USCAR-20 (NOVEMBER 2001)
9. MEETS WIRING COMPONENT DESIGN GUIDELINES SAE/USCAR-12 REV 2 (DECEMBER 2001)
10. MEETS ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) REV 11 (5/2002)
11. REFERENCE PK-31300-516 FOR REEL DIRECTION
12. REFERENCE AS-33000-001 FOR CRIMP INFORMATION

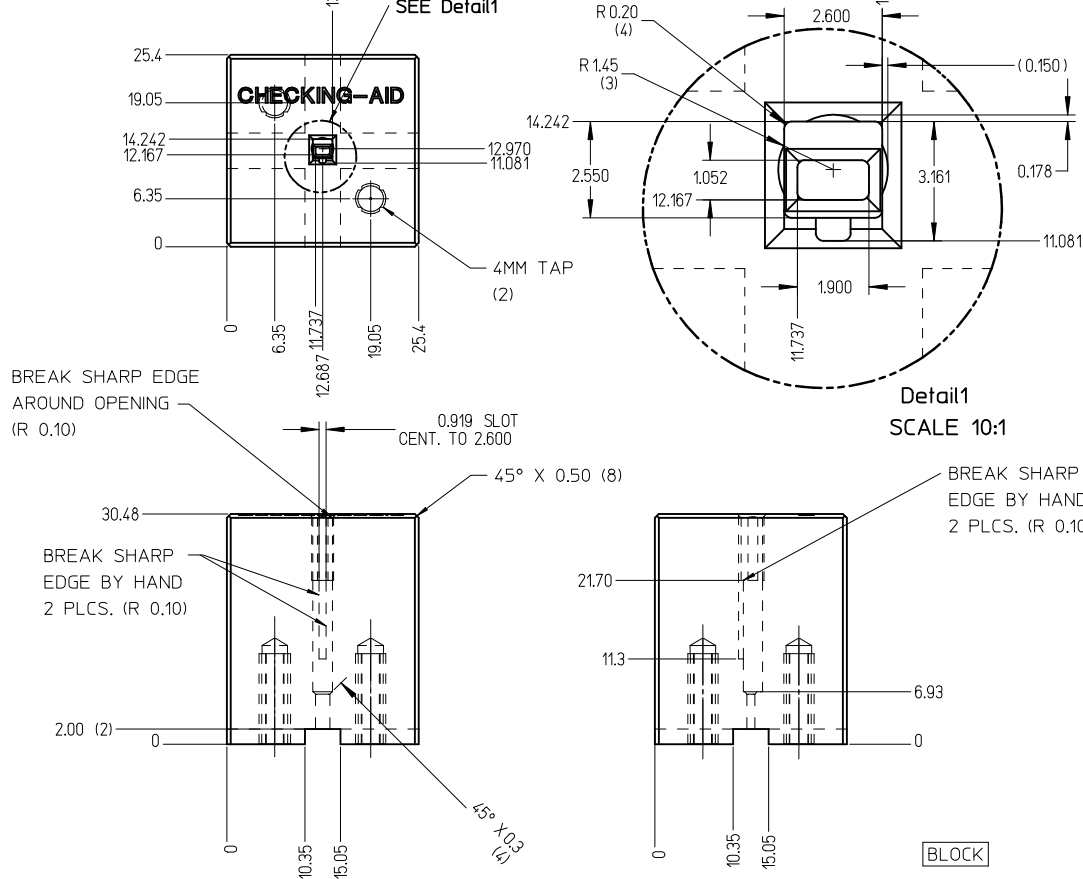


PRECIOUS METAL PLATED BLADE

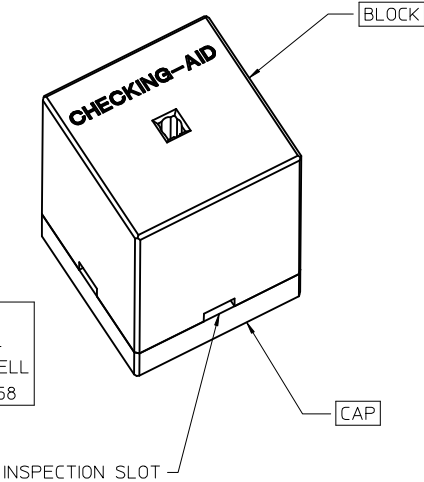


TIN PLATED BLADE

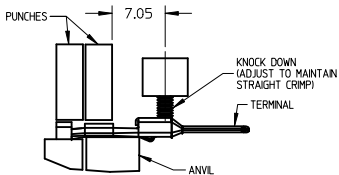
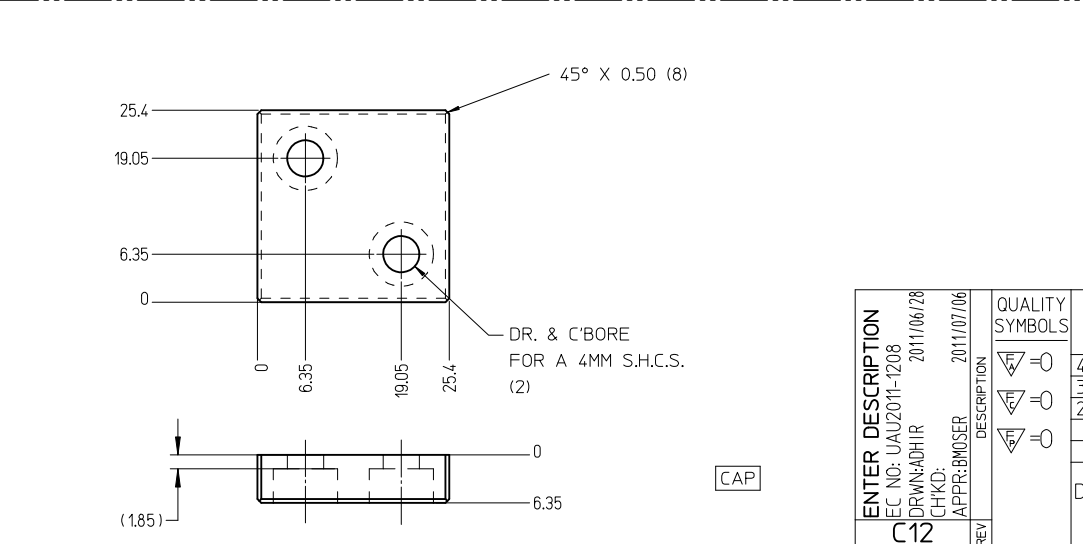
ENTER DESCRIPTION EC NO: UAU2011-1208 DRWN:ADHIR CHKD: APPR:BMOSER 2011/06/28 2011/07/06	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY L.PULLIAM	DATE 2006/01/31	TITLE MX150 1.5MM BLADE TERMINAL	MOLEX INCORPORATED	SHEET NO. 1 OF 5			
			4 PLACES	± ---	± ---	CHECKED BY	DATE						
			3 PLACES	± ---	± ---	A.DHIR	2006/02/01						
			2 PLACES	± 0.1	± ---	APPROVED BY	DATE						
			1 PLACE	± 0.3	± ---	B.MOSER	2006/02/02	DOCUMENT NO. SD-33000-001	MOLEX INCORPORATED				
			ANGULAR ± 3 °		MATERIAL NO.								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE								
			C12			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

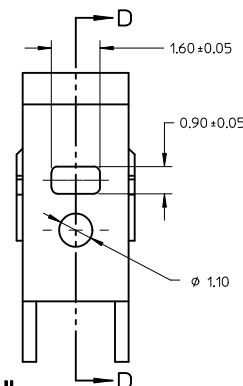
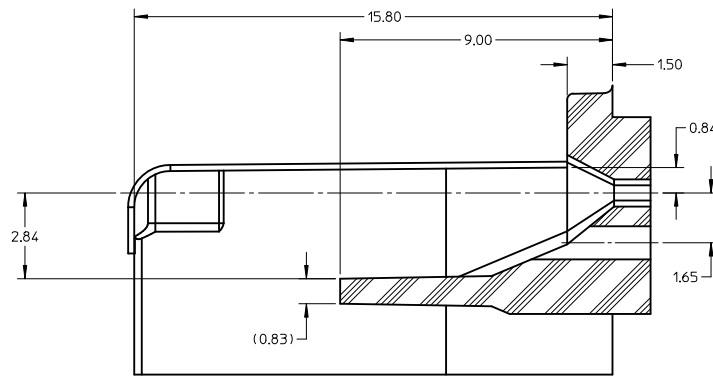
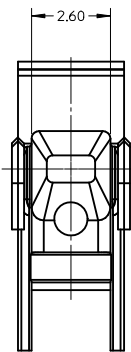
- CRIMP REQUIREMENTS:
1. CRIMP STRAIGHTNESS MUST BE MAINTAINED. USE A KNOCKDOWN TOOL LOCATED AS SHOWN. TERMINAL BOX MUST NOT BE DEFORMED
 2. AFTER CRIMPING, THE TERMINAL AND WIRE MUST FIT FREELY INTO THE CHECKING AID 33000-700. PROPER INSERTION DEPTH IS MET WHEN BLADE TIP STOPS ON CAP. SLOTS PROVIDED TO VISUALLY INSPECT STOPAGE 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: UAU2011-1208	DRWN:ADHR	CHKD: APPR:BMOSER	2011/06/28	2011/07/06
DESCRIPTION	REV	QUALITY SYMBOLS			
		▽=0			
		▽=0			
		▽=0			
C12					

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .005	± .0004
2 PLACES	± 0.1	± .004
1 PLACE	± 0.3	± .012
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

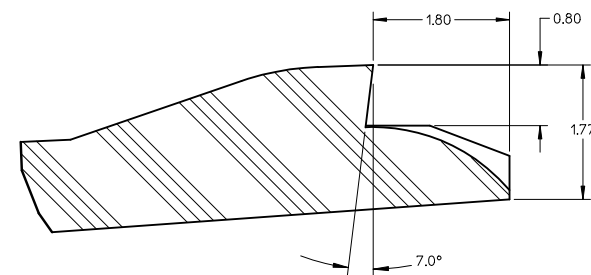
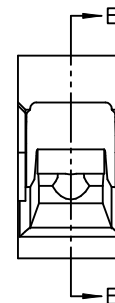
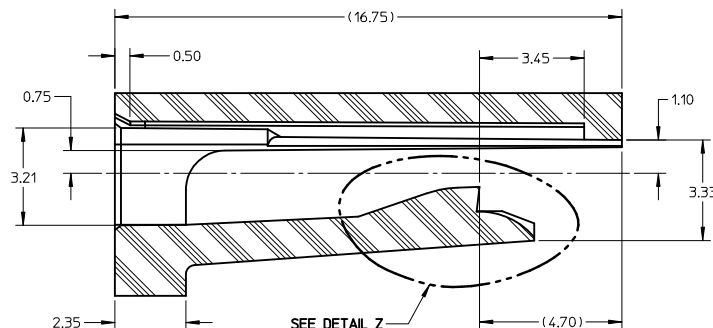
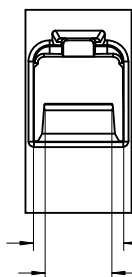
DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	2:1	METRIC	
DRAWN BY	DATE		
L.PULLIAM	2006/01/31		
CHECKED BY	DATE		
A.DHIR	2006/02/01		
APPROVED BY	DATE		
B.MOSER	2006/02/02		
MATERIAL NO.	DOCUMENT NO.		
SEE TABLE	SD-33000-001		
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
C			

MX150 1.5MM BLADE TERMINAL		
MOLEX INCORPORATED		
SD-33000-001		
3 OF 5		



SECTION D-D

TPA/INSERT DETAIL



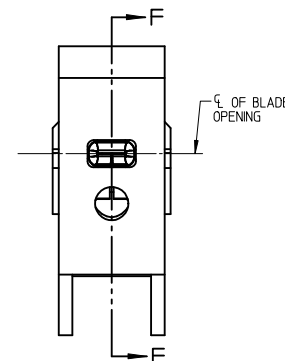
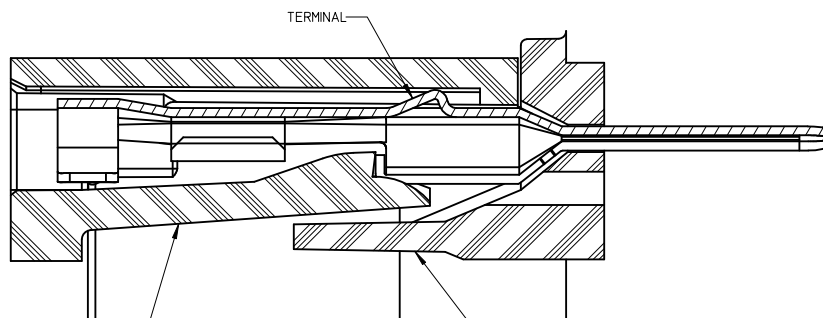
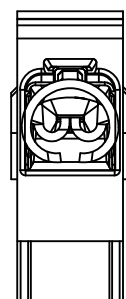
DETAIL Z
SCALE 20:1

SECTION E-E

HOUSING DETAIL

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. TOLERANCES: LINEAR ± 0.10
ANGULAR 3°
2. ALL DRAFT WITHIN TOLERANCE
3. MAX RADI 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



SECTION F-F

BLADE CAVITY ASSEMBLY VIEWS

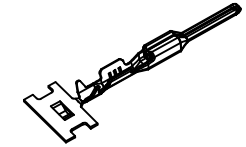
ENTER DESCRIPTION
EC NO: UAU2011-1208
DRAWN: ADHIR
CHKD: BMOSE
APPR: BMOSE
DATE: 2011/06/28
REV: 2011/07/06

QUALITY SYMBOLS
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▽ = 0
▽ = 0

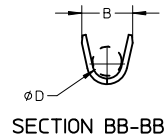
GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± 0.1 ± 0.004
3 PLACES ± 0.1 ± 0.004
2 PLACES ± 0.1 ± 0.004
1 PLACE ± 0.3 ± 0.012
ANGULAR $\pm 3^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

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

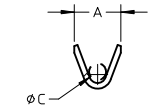
SCALE
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
MX150 15MM BLADE
TERMINAL
MOLEX INCORPORATED
DOCUMENT NO.: SD-33000-001
SHEET NO.: 4 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



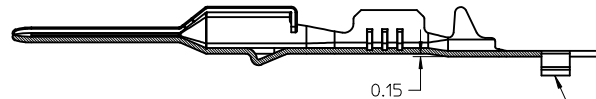
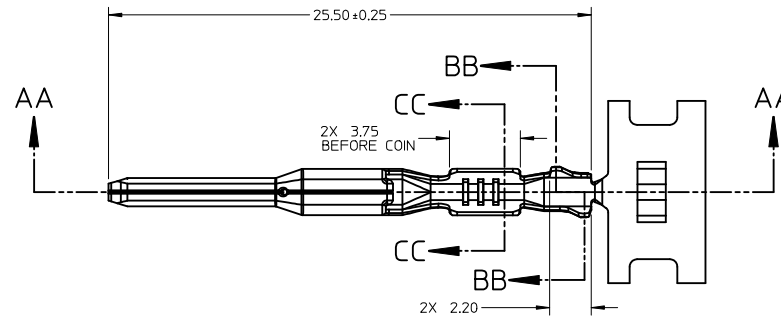
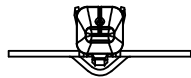
ISO VIEW
SCALE 2:1



SECTION BB-BB



SECTION CC-CC



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: UAU2011-1208 DRWN:ADHIR CHKD: APPR:BMOSER REV: C12	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.1</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.3</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 3 °</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.1	± ---	1 PLACE	± 0.3	± ---	ANGULAR ± 3 °			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 	
				mm	INCH																					
			4 PLACES	± ---	± ---																					
			3 PLACES	± ---	± ---																					
			2 PLACES	± 0.1	± ---																					
			1 PLACE	± 0.3	± ---																					
			ANGULAR ± 3 °																							
			DRAWN BY L.PULLIAM		DATE 2006/01/31	TITLE MX150 1.5MM BLADE TERMINAL																				
			CHECKED BY A.DHIR		DATE 2006/02/01																					
			APPROVED BY B.MOSER		DATE 2006/02/02	MOLEX INCORPORATED																				
MATERIAL NO.		DOCUMENT NO.	SHEET NO. 5 OF 5																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-33000-001																						
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

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