



产品编号：[330000001](#)
Product Description：MX150 Male Terminal
for Mat-Sealed or Unsealed Connectors, Tin
Plating, 14 AWG, Right Reel Payoff
系列号：33000
状态：Active
Product Category：Crimp Terminals



文件和资源

图纸
[图纸 330000001_sd.pdf](#)
[包装设计图 313025040-000.pdf](#)

规格
[应用规格 AS-33000-001-001.pdf](#)
[测试摘要 TS-33000-001-001.pdf](#)

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

产品详情

常规

状态	活动
类别	Crimp Terminals
系列	33000
说明	MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Right Reel Payoff
应用	Power, Wire-to-Board, Wire-to-Wire
个评论	For automatic and semi-automatic crimping, use Left Reel Payoff terminals. See Sales Drawing for Left Reel Payoff Part Numbers.
产品系列	MX150 Sealed and Unsealed Connector System
产品名称	MX150
UPC	800756102573

电气

每触点最大电流	Contact Molex
电压 - 最大	14V DC

物理

性别	男
夹具代码	14
材料 - 金属	High Performance Alloy (HPA)
材料 - 接合部位电镀	Tin
材料 - 终端电镀	Tin
净重	0.369/g
包装形式	Reel
最薄镀层 - 接合部位	0.508µm
最薄镀层 - 端接	0.508µm

终端界面类型	Crimp or Compression
导线绝缘直径	2.70mm max.
线径规格 (AWG)	14
线缆尺寸mm ²	1.50

进程

无铅	不适用
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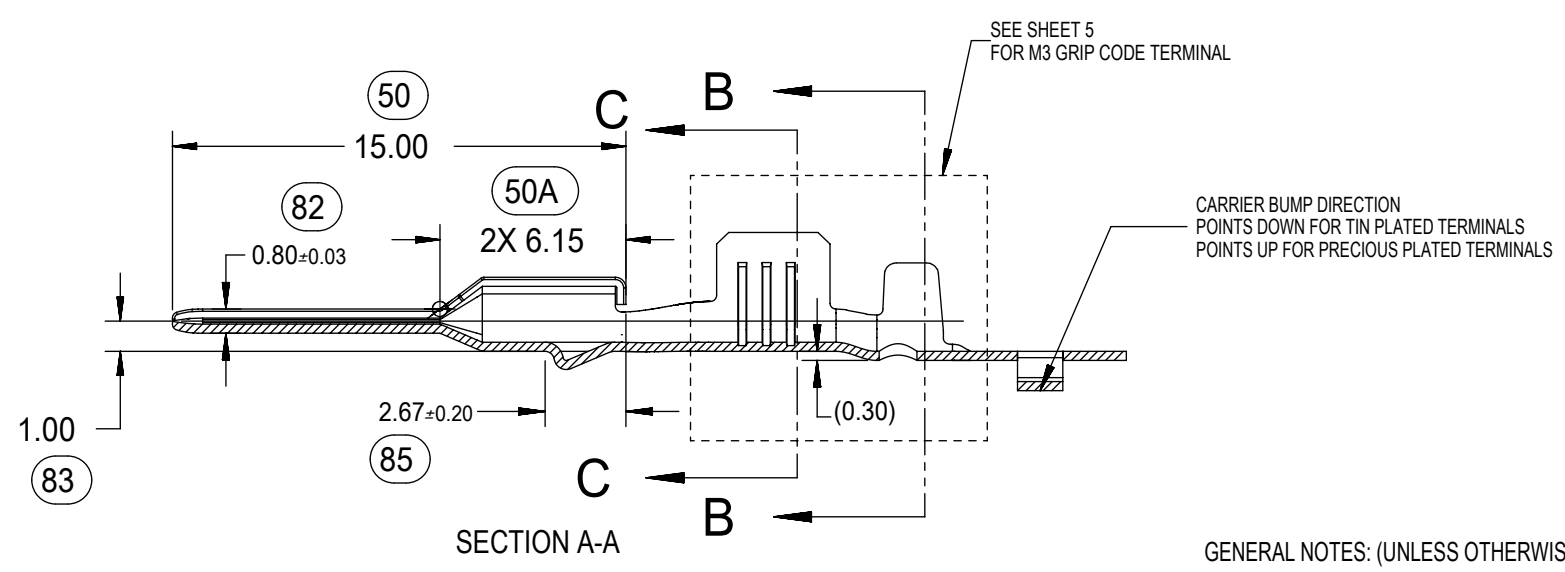
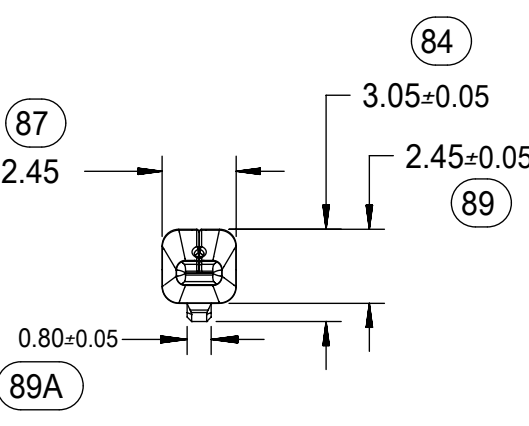
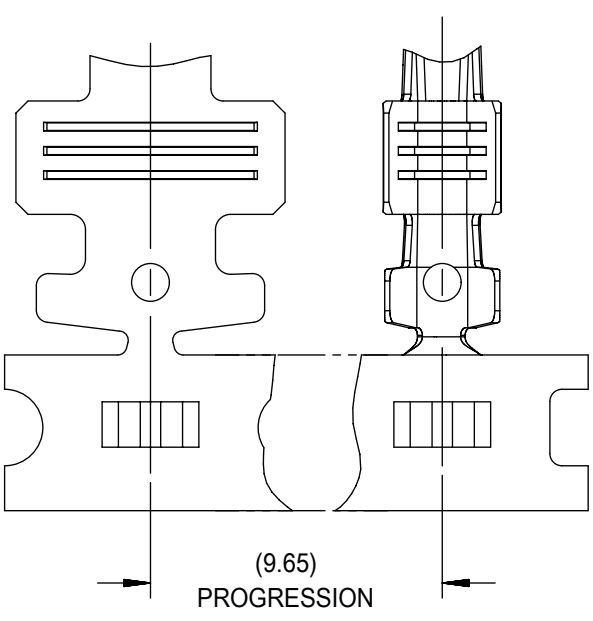
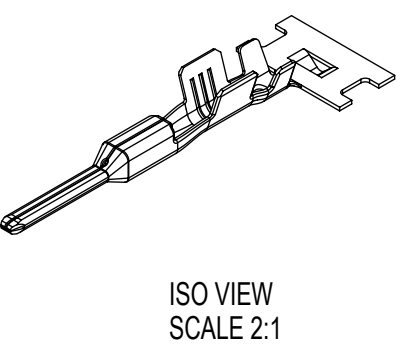
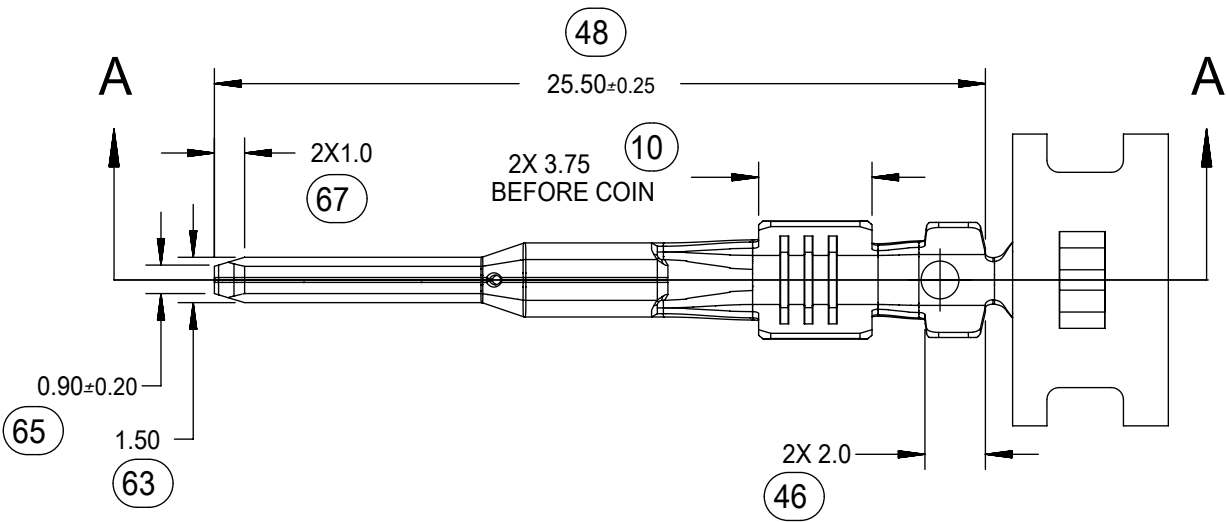
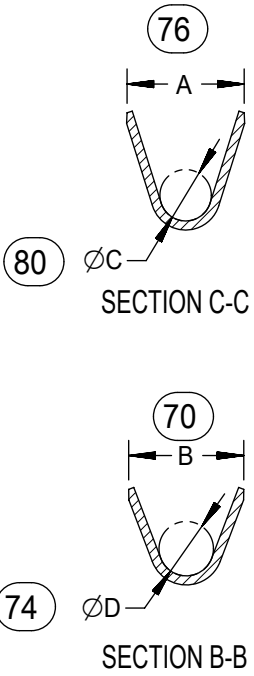
可连接使用部件

描述	产品编号
MX150 Mat-Sealed Single Row Male Connector Assemblies	<u>33481</u>
MX150 Mat-Sealed Dual Row Male Connector Assemblies	<u>33482</u>

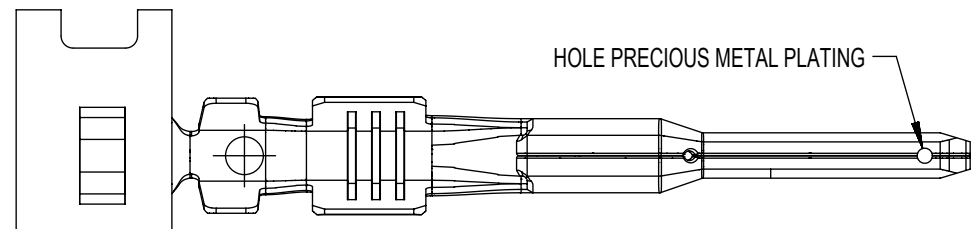
施工工具

全局

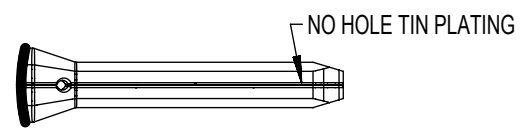
描述	产品编号
Extraction Toolkit for MX150 Connectors	<u>2002220700</u>
PremiumGrade Hand Crimp Tool for 1.50mm MX150 Blade Male Terminals, 14-16 AWG	<u>0638112400</u>
Extraction Tool for MX150L, MX150, PT Bulb Socket, iGrid, SPOX, and Wire-to-Motor Terminals	<u>0638131500</u>



- 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 GUIDLINES 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

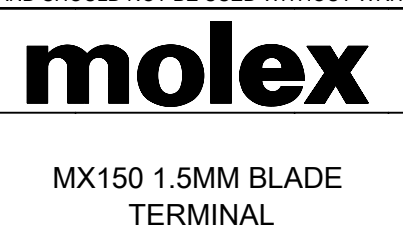


PRECIOUS METAL PLATED BLADE



TIN PLATED BLADE

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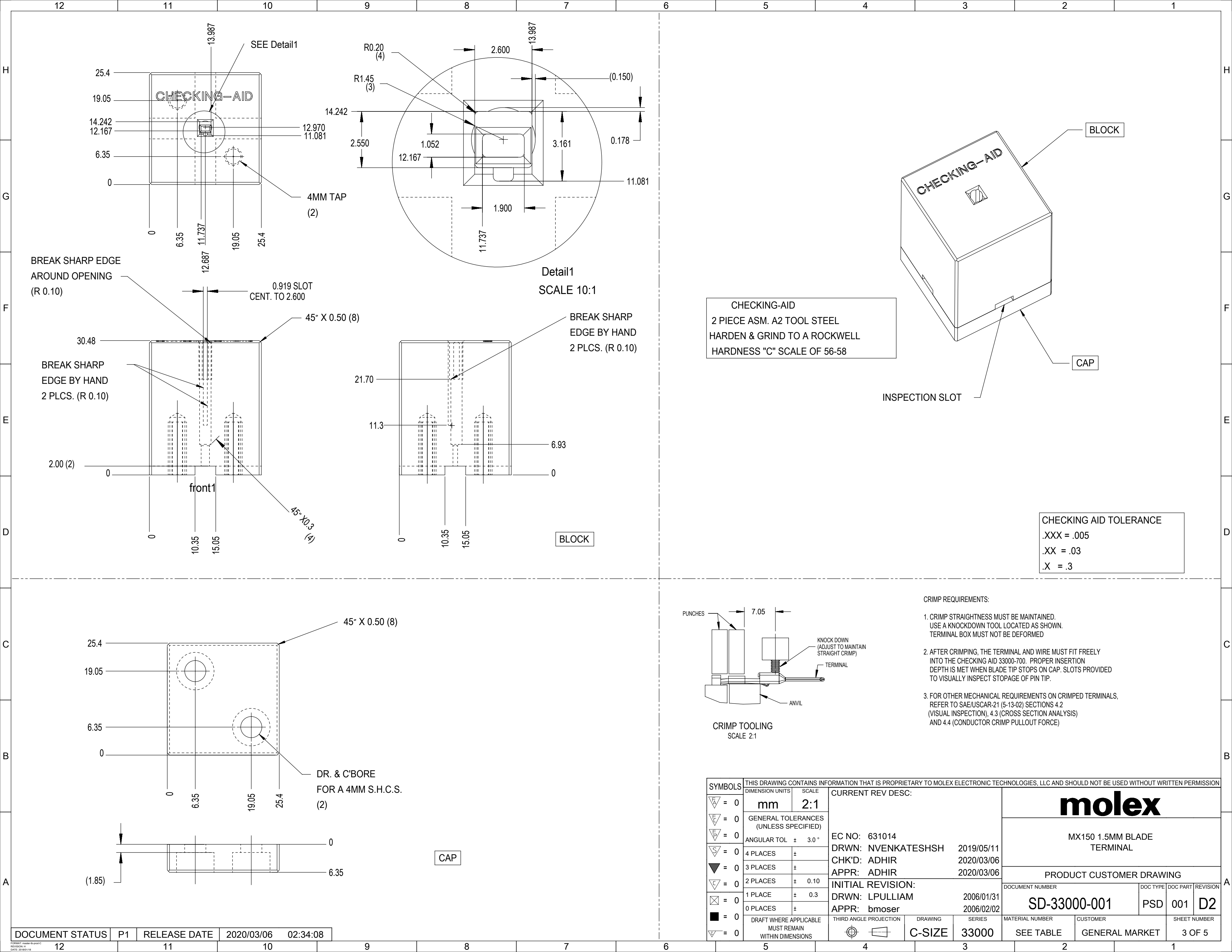
MX150 1.5MM BLADE
TERMINAL

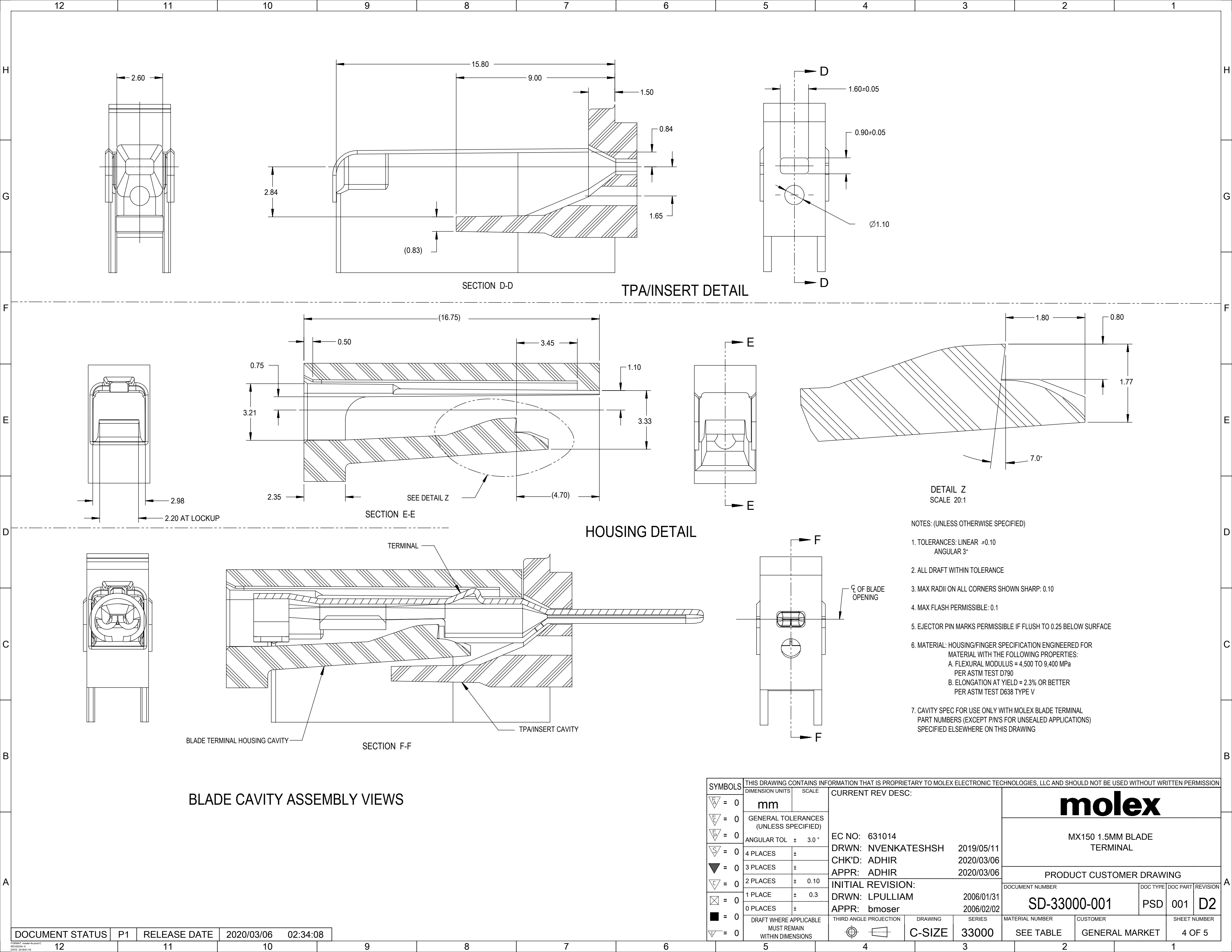
PRODUCT CUSTOMER DRAWING

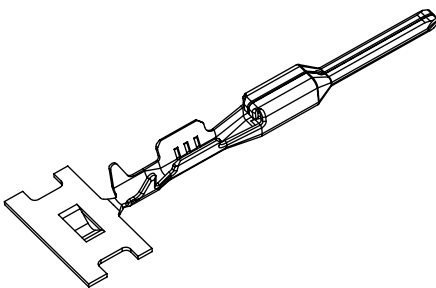
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SEE TABLE		GENERAL MARKET		1 OF 5	

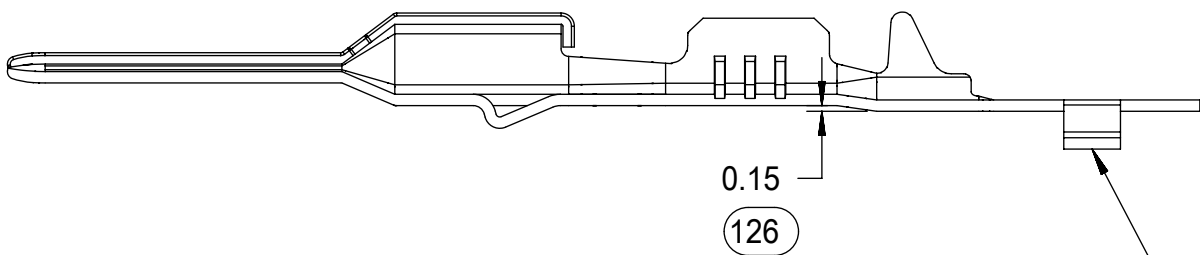
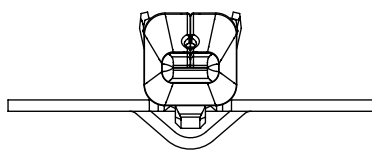
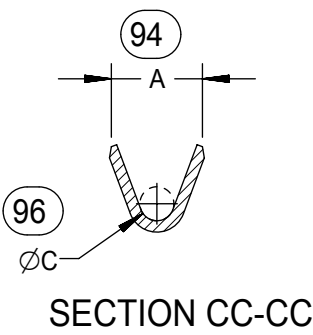
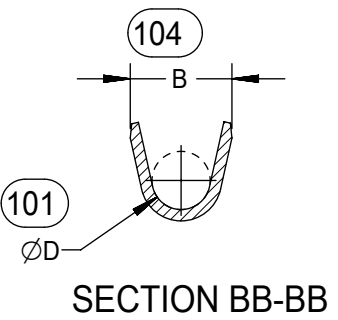
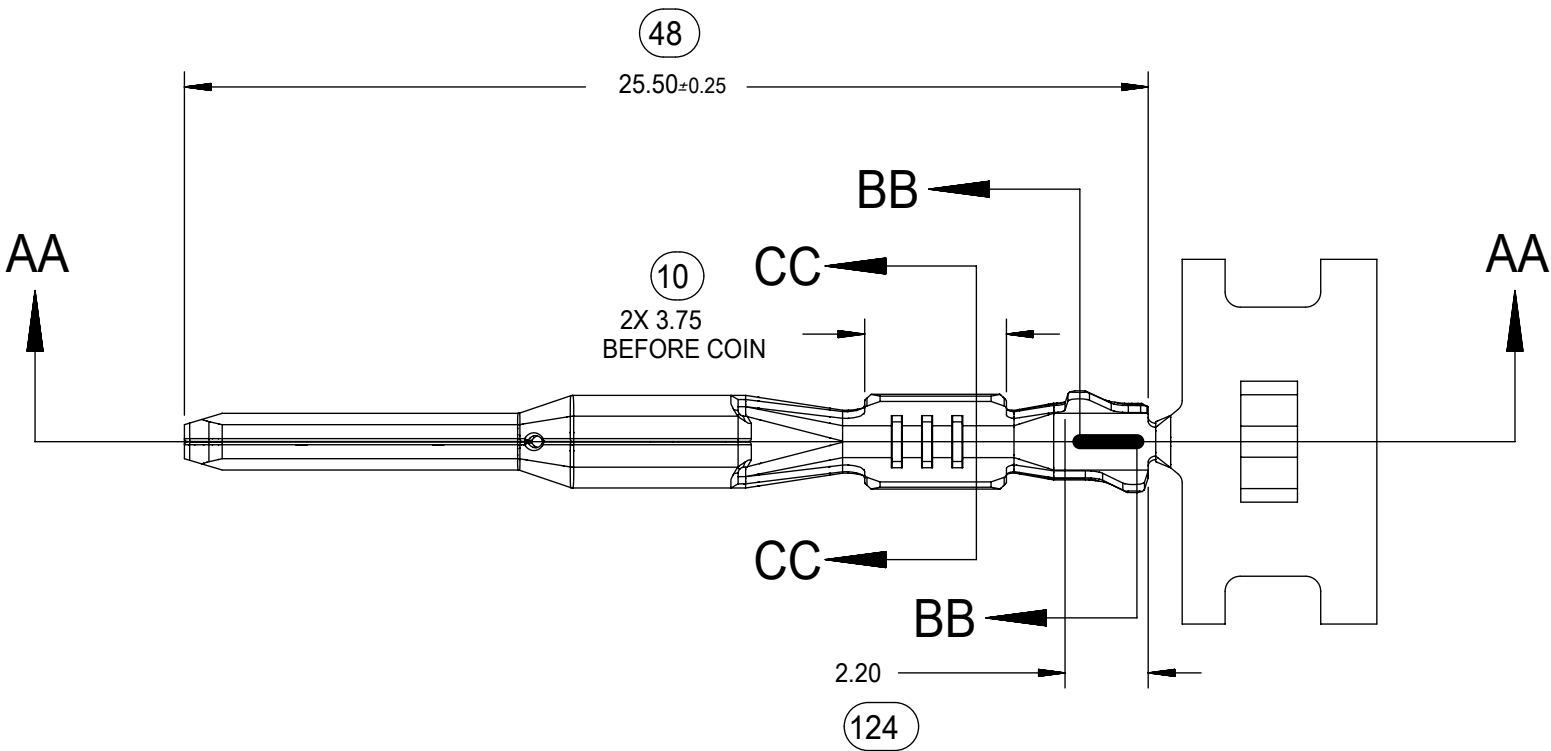
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ISO VIEW
SCALE 2:1



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

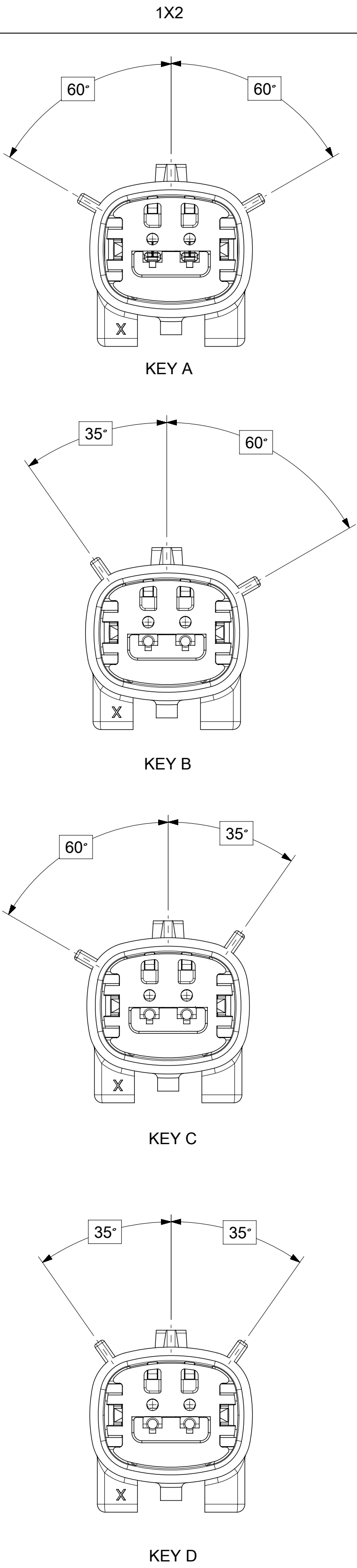
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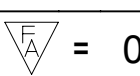
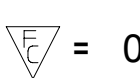
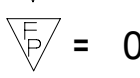
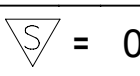
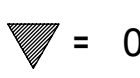
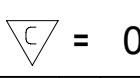
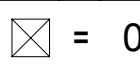
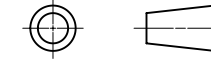
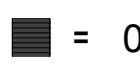
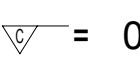
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SHEET NUMBER
2 OF 9

SHEET DESCRIPTION
KEY CONFIGURATIONS



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MATERIAL NUMBER		SEE NOTE 2a		CUSTOMER		GENERAL MARKET		SHEET NUMBER	
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molex

MX150 BLADE
SINGLE ROW SEALED ASSY MAT SEAL

PRODUCT CUSTOMER DRAWING

SD-33481-0001

PSD

001

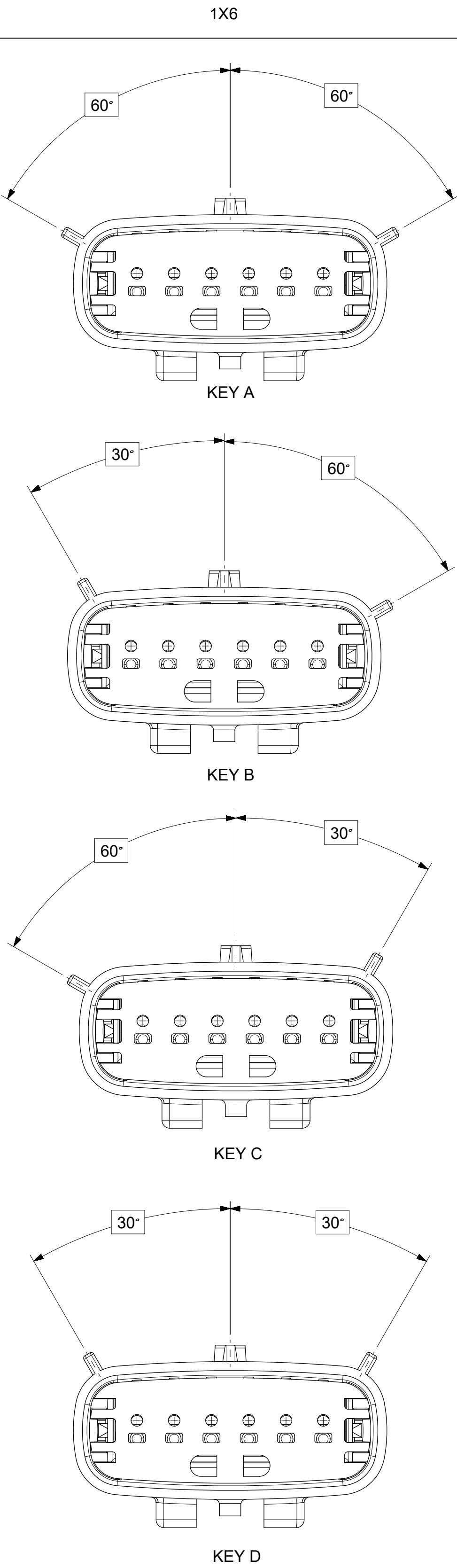
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SEE NOTE 2a.

GENERAL MARKET

3 OF 9

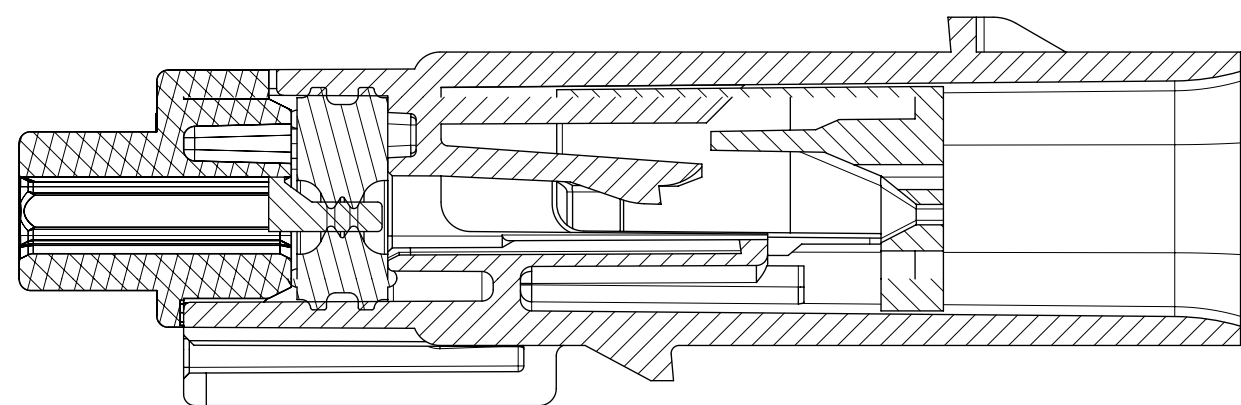
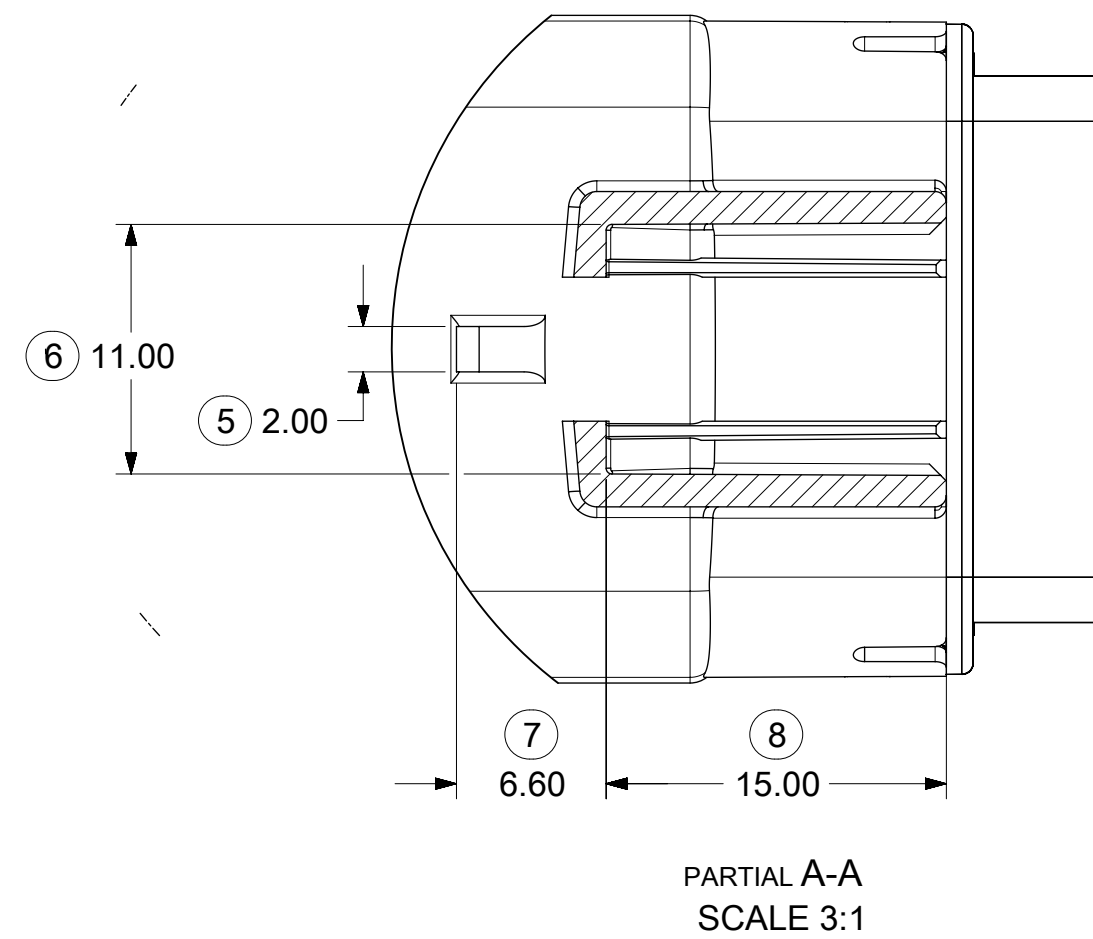
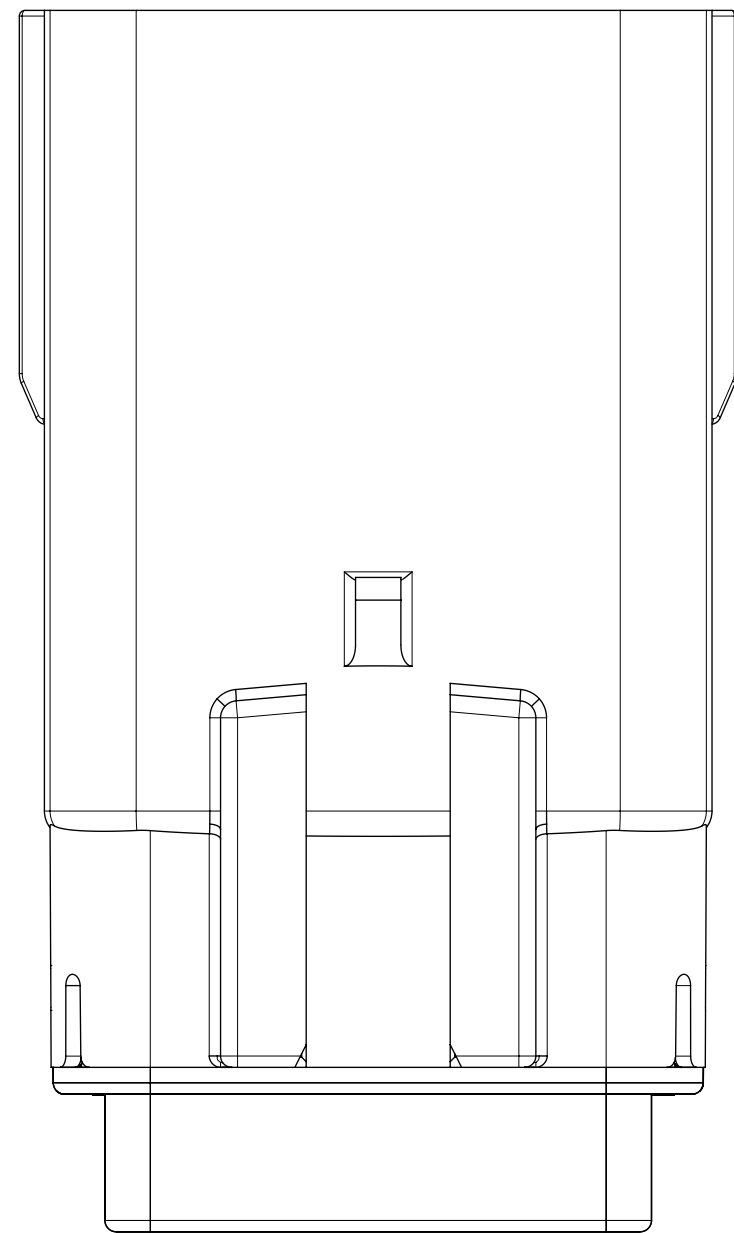
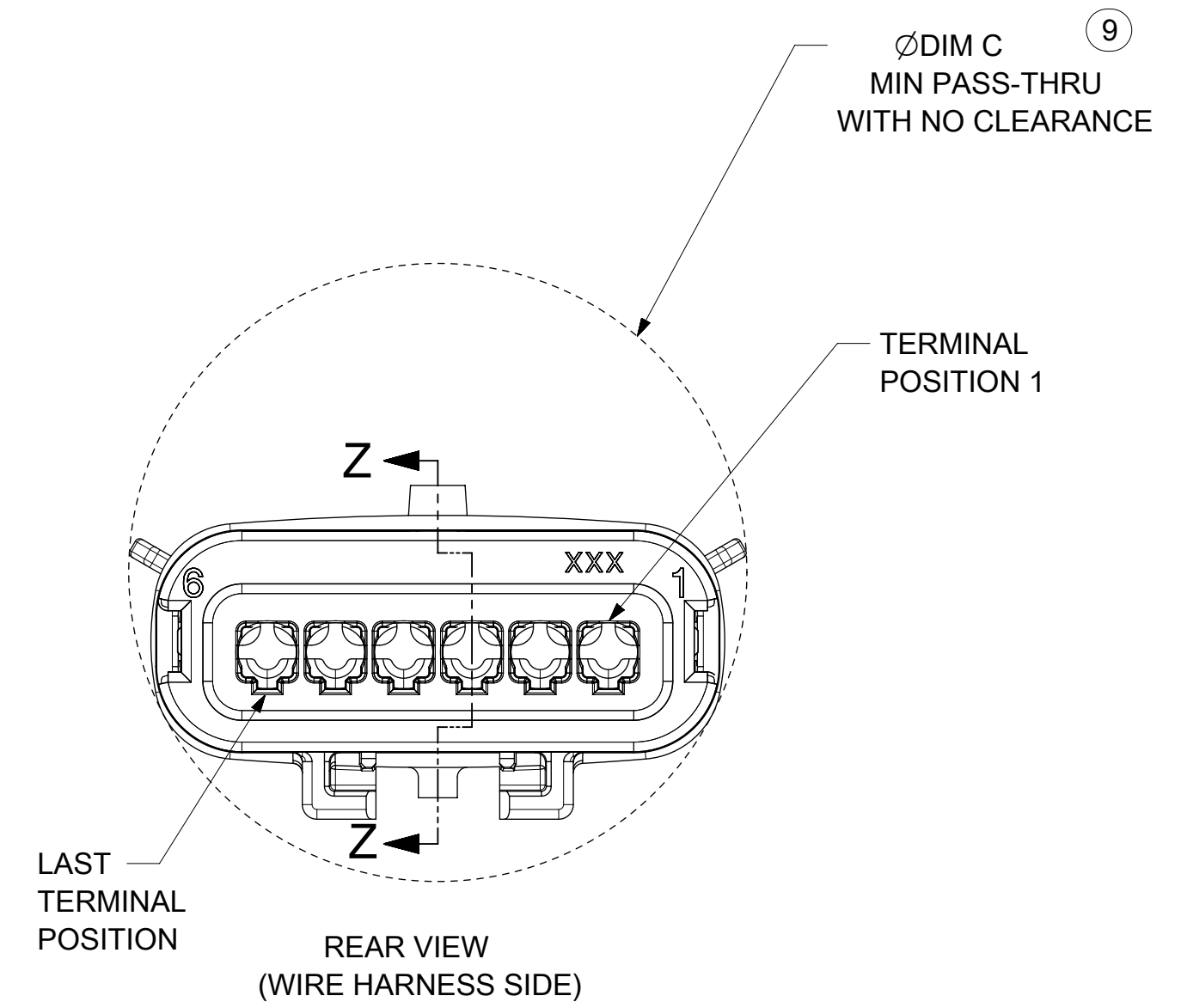
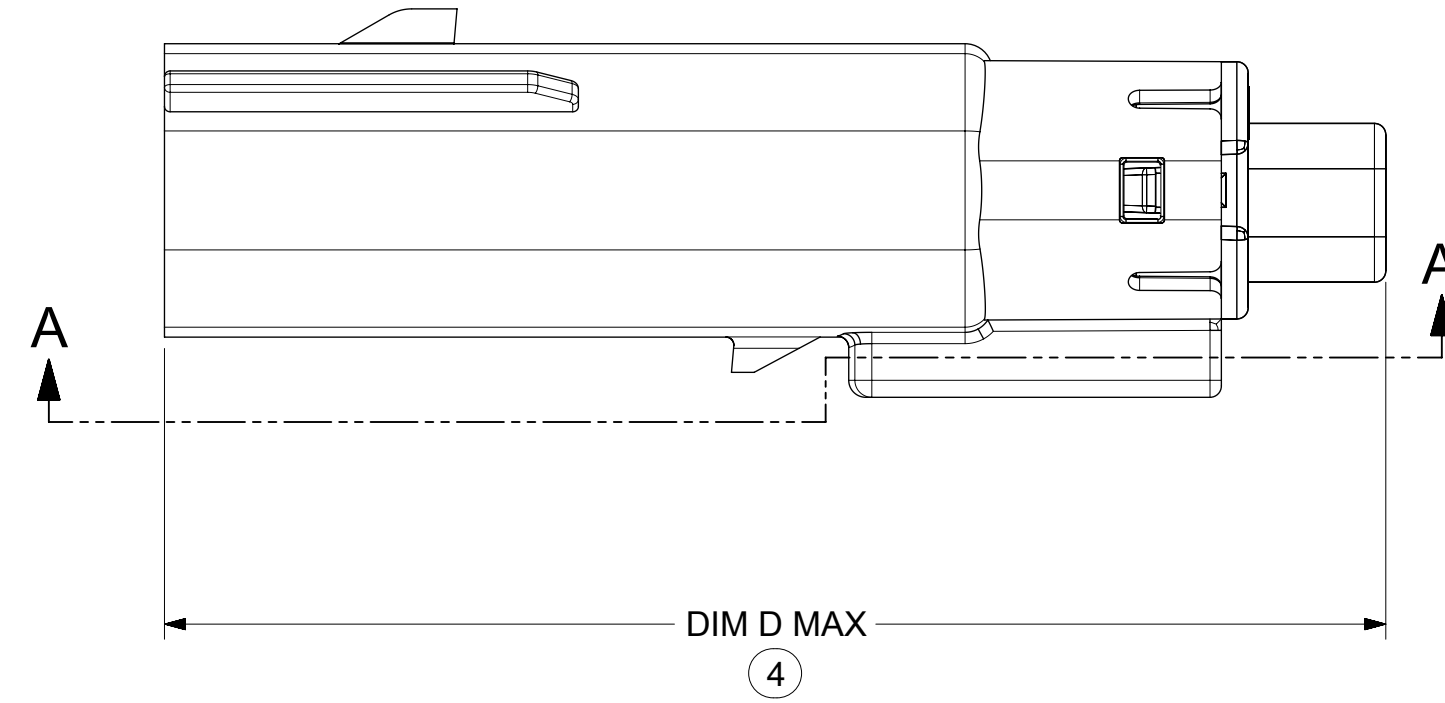
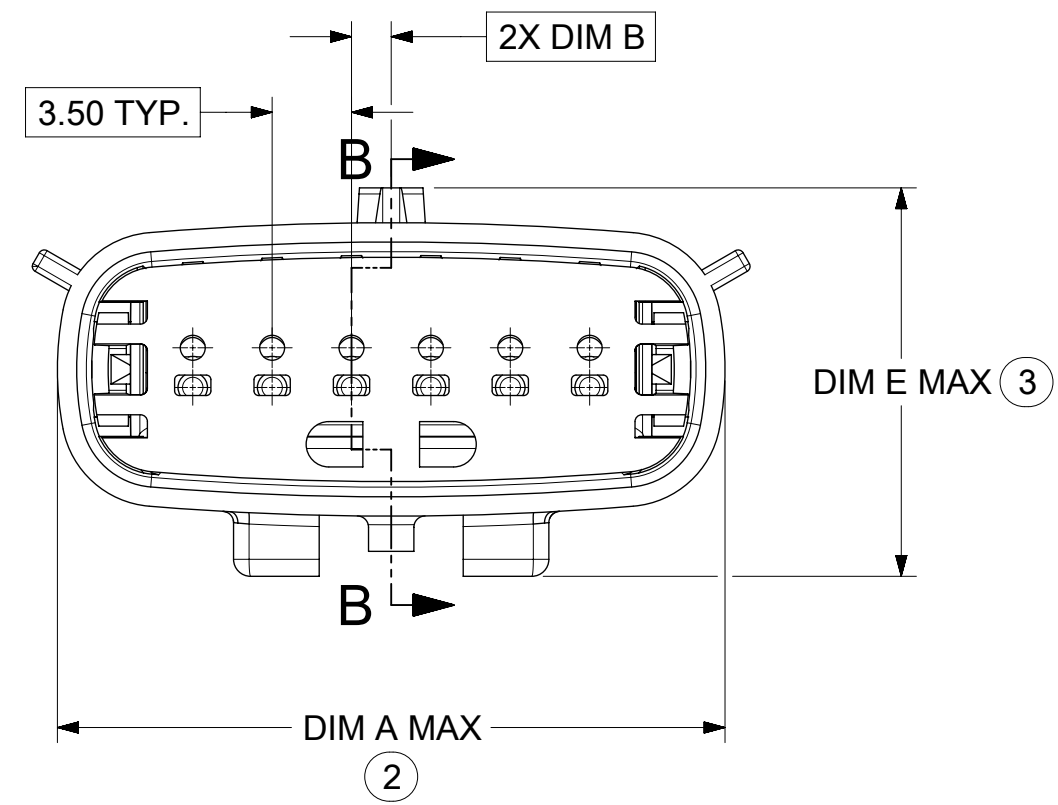
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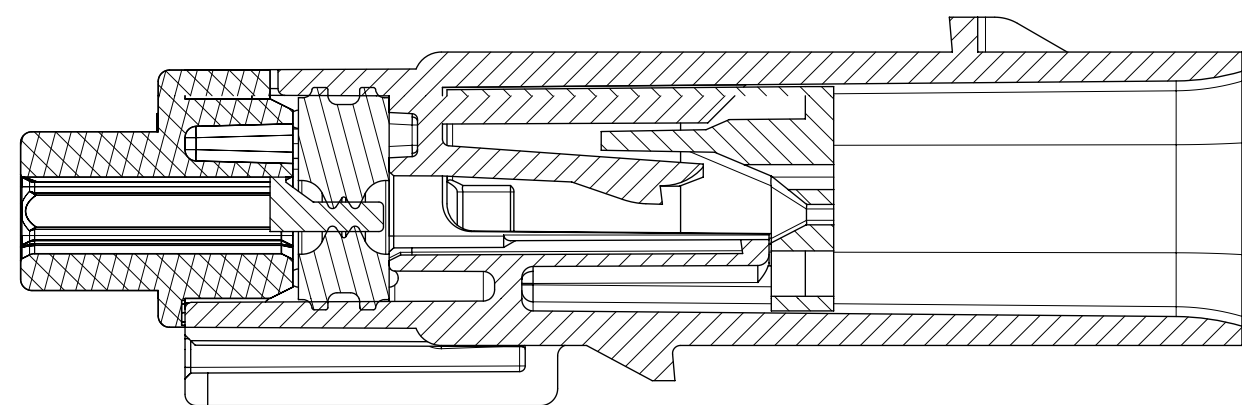
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
				A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		4 OF 9			

BLADE SEALED ASSEMBLY

CHARTED DIMENSIONS					
DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
1X2	N/A	1.75	21.00	55.50	17.30
1X6	29.69	1.75	31.71	54.45	17.23



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION
SECTION B-B



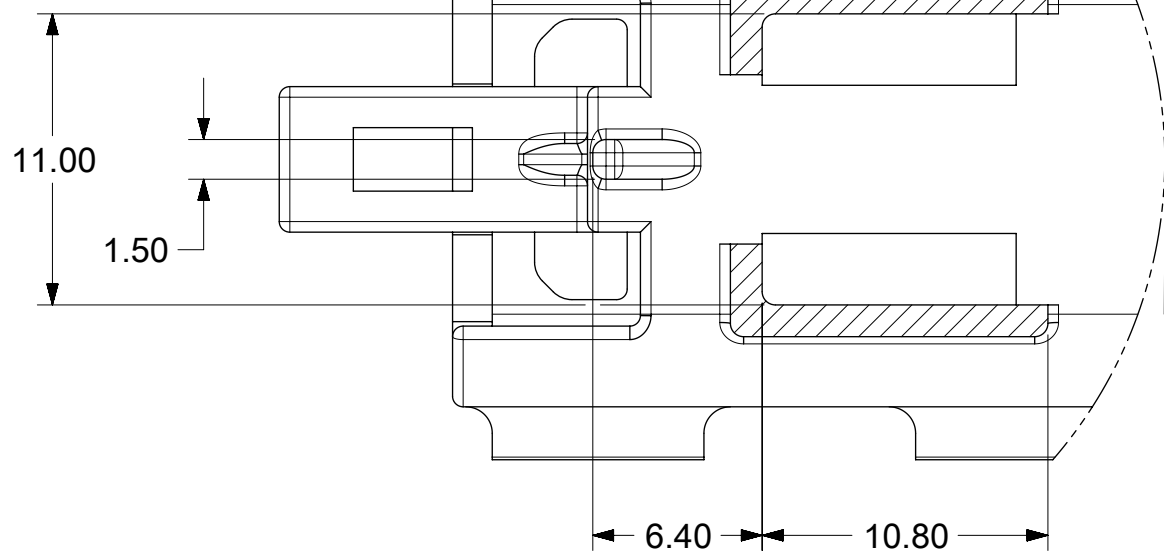
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Z-Z

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BACKSHELL



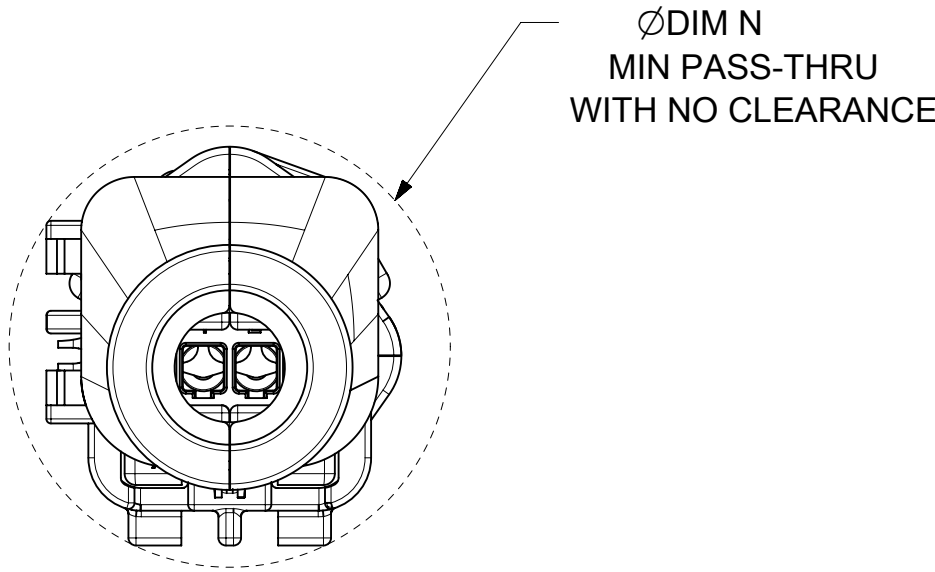
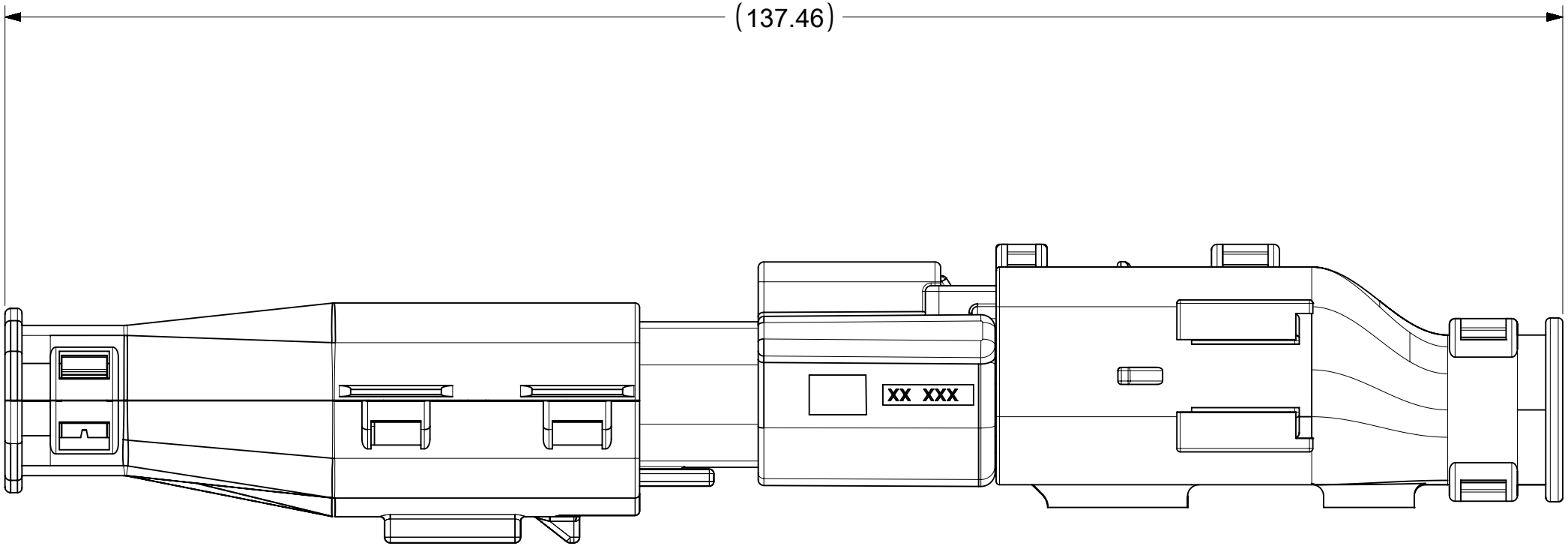
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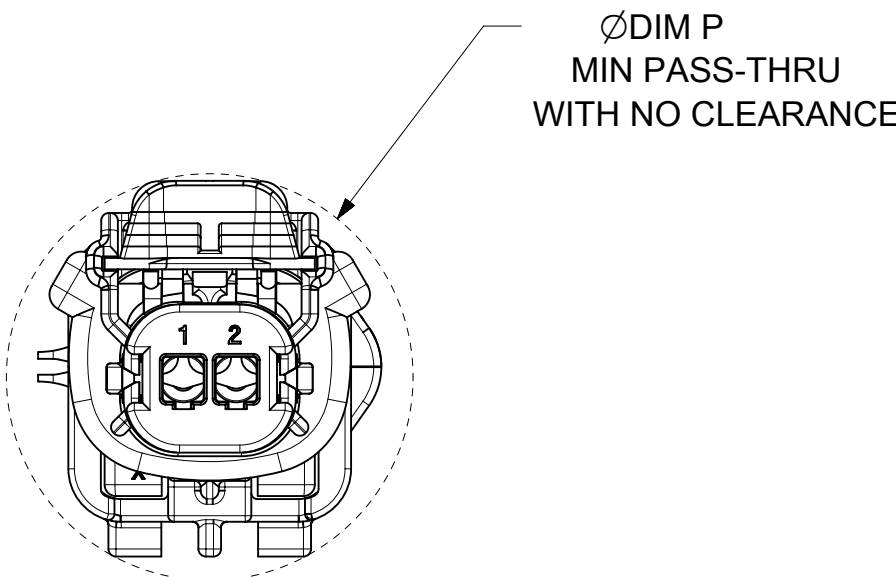
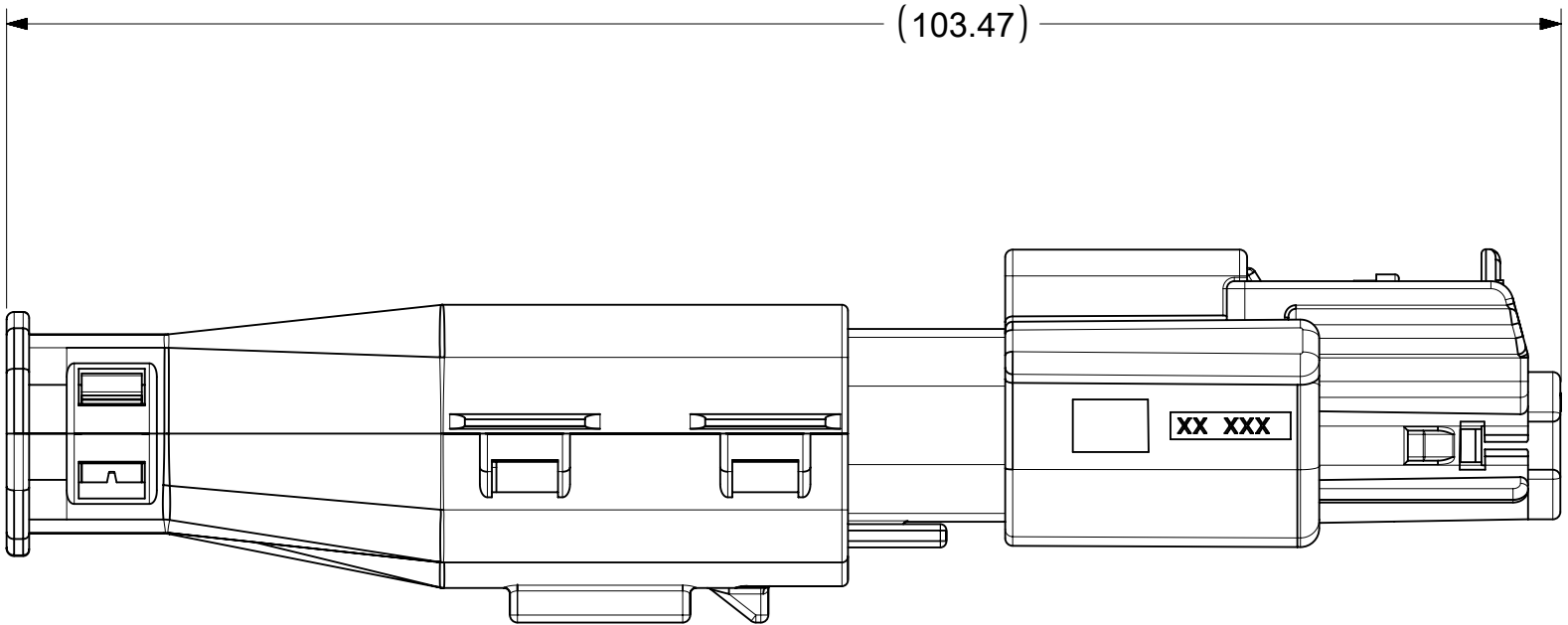
DOCUMENT STATUS	P1	RELEASE DATE	2018/10/04	15:02:02
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SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

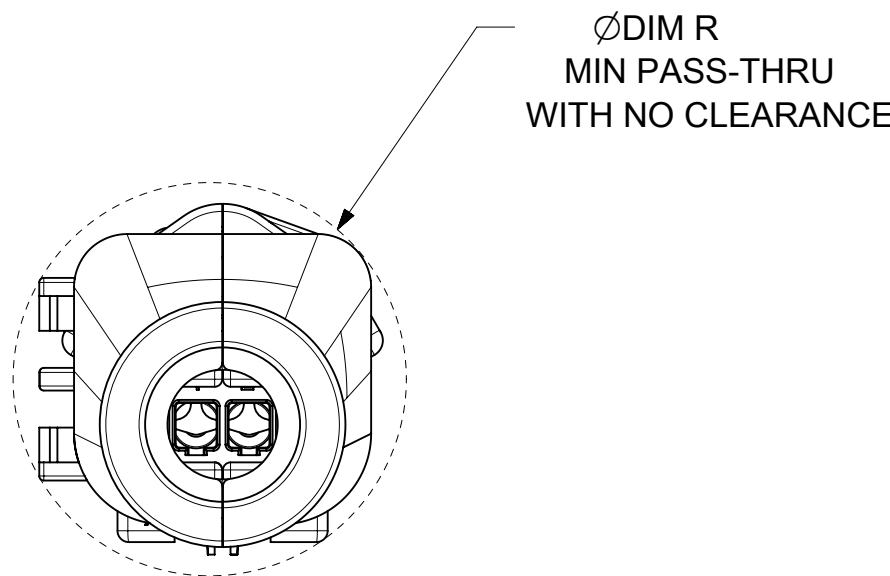
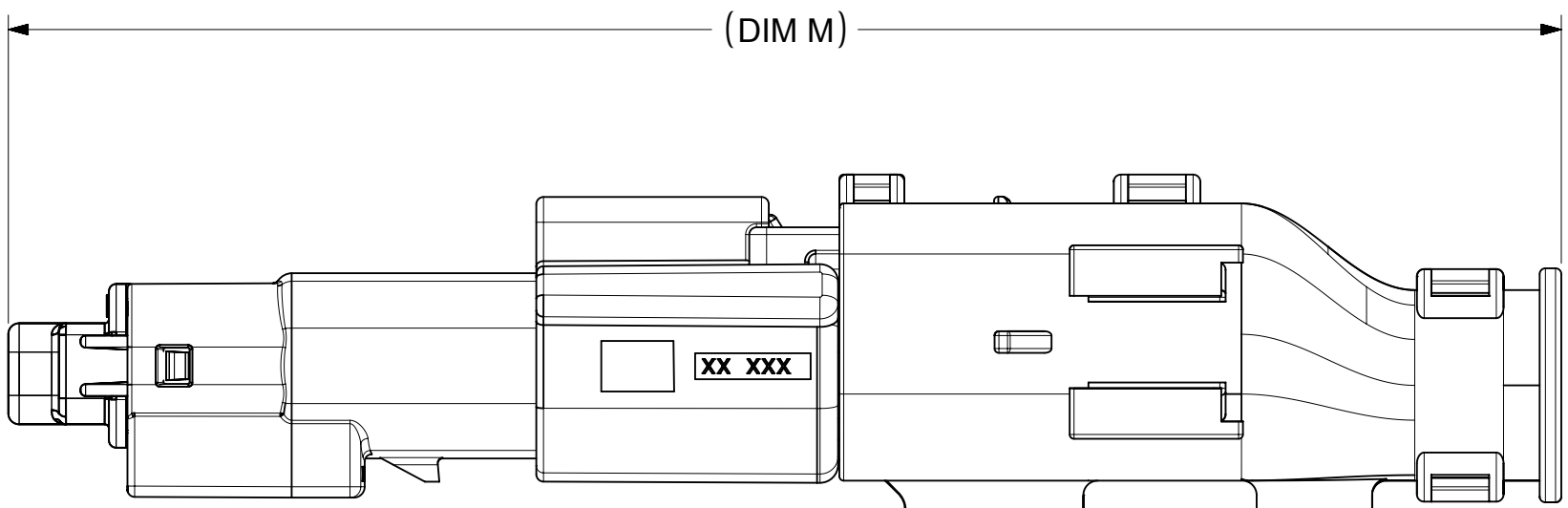
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



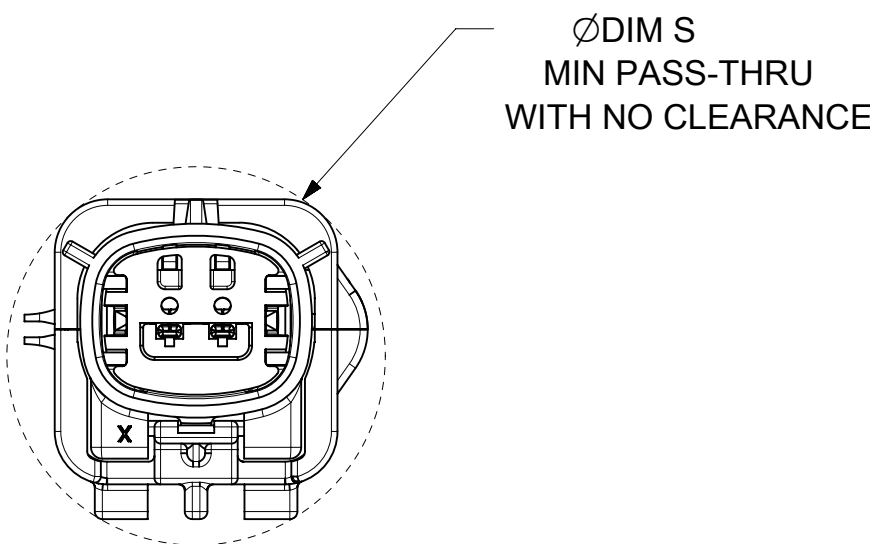
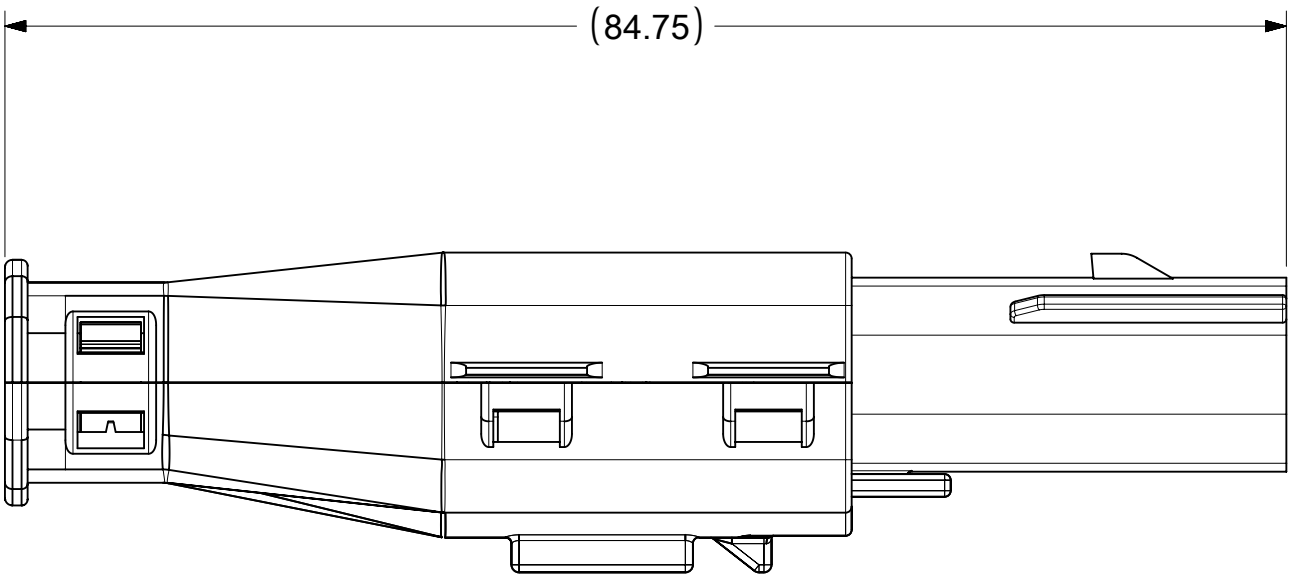
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

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: EC NO: 602373 DRWN: DSHETTY01 2018/05/25 CHK'D: MVANSLAMBROU 2018/10/04 APPR: MVANSLAMBROU 2018/10/04 INITIAL REVISION: DRWN: APROFFITT 2015/07/21 APPR: KDEKOSKI 2016/06/14			mo lex					
	MM ONLY		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)							MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL					
	ANGULAR TOL ± 1.0 °												
	4 PLACES		±										
	3 PLACES		±										
	2 PLACES		± 0.1										
	1 PLACE		± 0.2										
	0 PLACES		±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										THIRD ANGLE PROJECTION		DRAWING
				A1-SIZE		33481		SEE NOTE 2a.		GENERAL MARKET		9 OF 9	

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