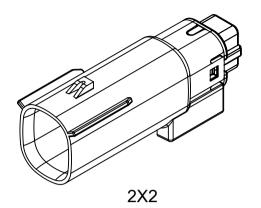
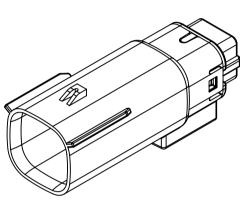
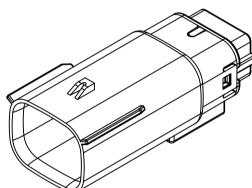
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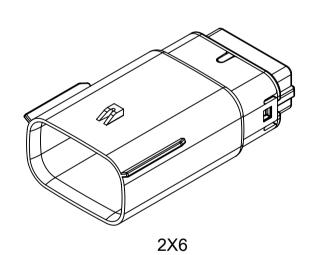


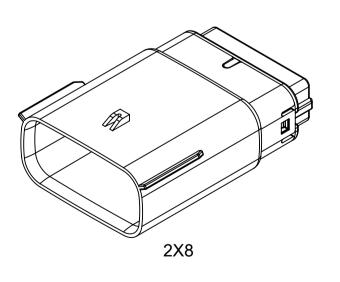


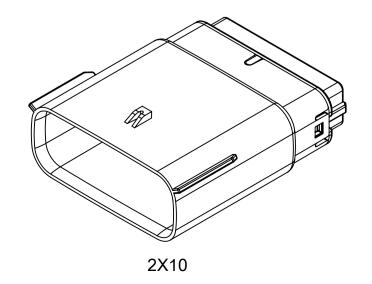












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#### 1. GENERAL:

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a. APPLICATION SPECIFICATION SEE: AS-33472-100 -CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING. -DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING CONNECTOR DRAWINGS CHART. \*DENOTES DRAWINGS THAT CAN BE ACCESSED AT <http://ewcap.uscarteams.org/>. -ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).

b. PRODUCT SPECIFICATION SEE:

- -STANDARD CONFIGURATION: PS-33472-000 -UL V0 CONFIGURATION: TBD
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635 d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300 e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS
- (COMPANY ID#13255)
- 2. DESIGN MATERIALS:
- a. FOR BILL OF MATERIALS SEE:
- -STANDARD CONFIGURATION: SD-33482-0002 -UL V0 CONFIGURATION: SD-160084-0002
- 3. DESIGN GEOMETRY:
- ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009 c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715 d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX. e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION,

- AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B). g. LASER MARKING:
- 1. PART NUMBER
- 2. DAY OF THE YEAR
- 3. SHIFT
- 4. YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

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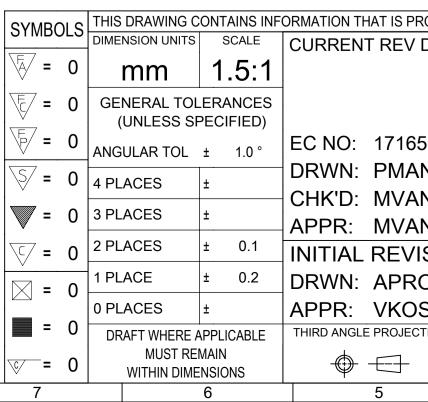
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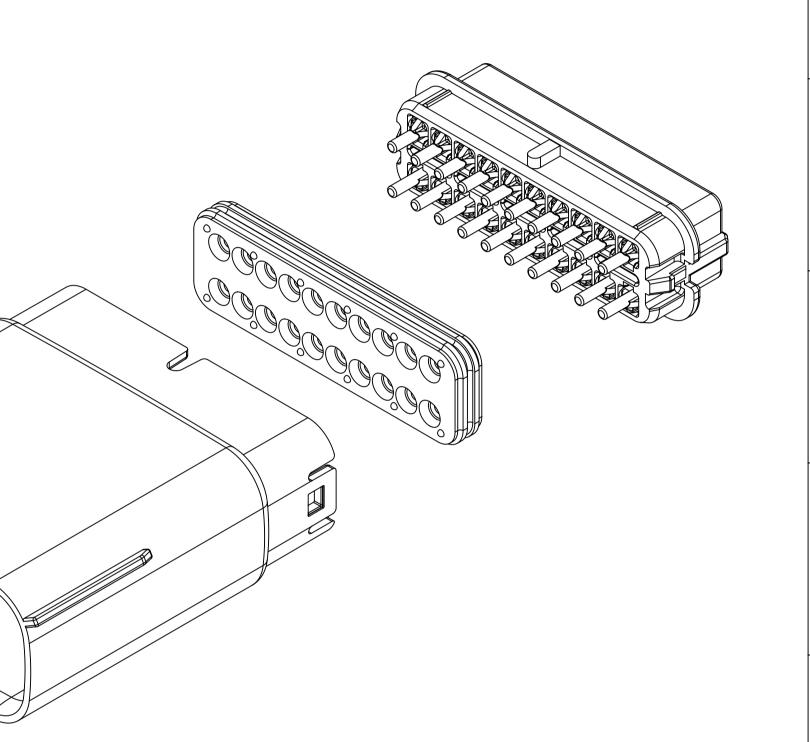
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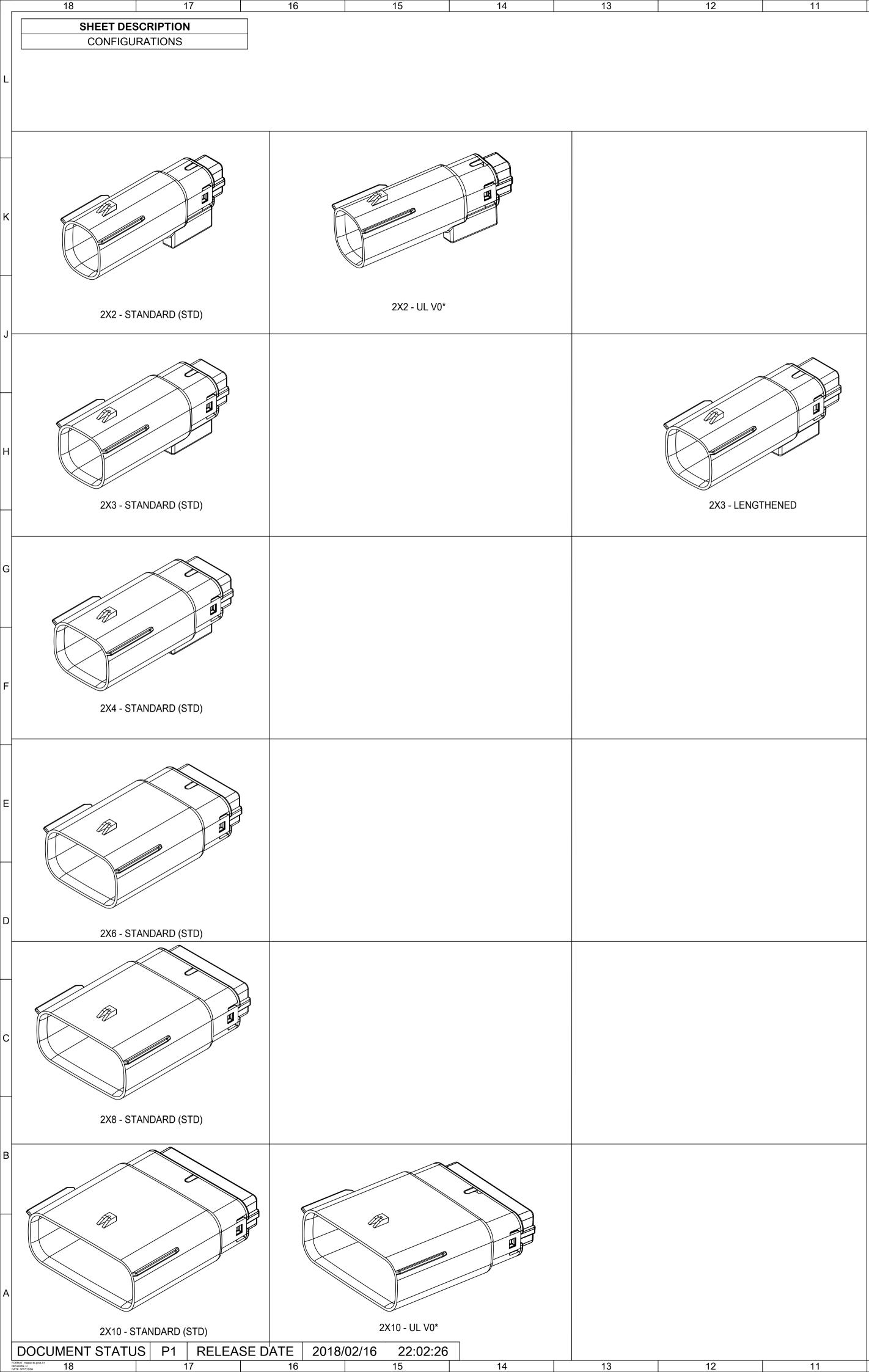


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			C2		ADD 2	2X3					
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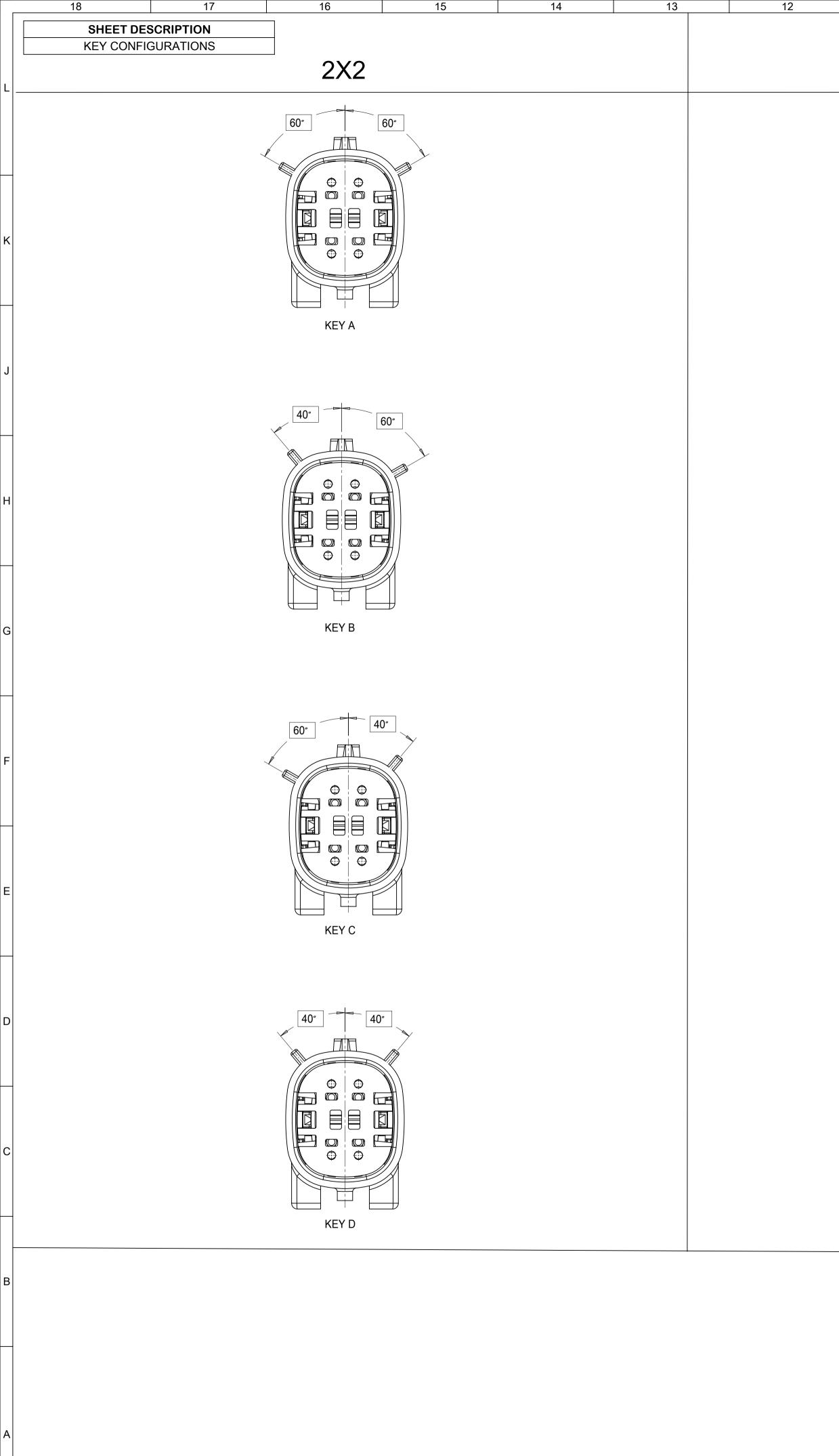
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SEE NOTE 2a FOR MORE INFORMATION

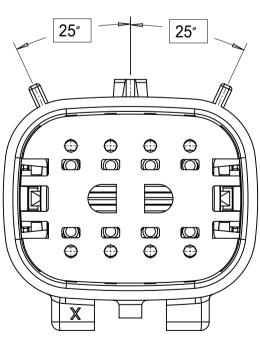
\* MINOR GEOMETRY CHANGE THAN STANDARD CONFIGURATION.



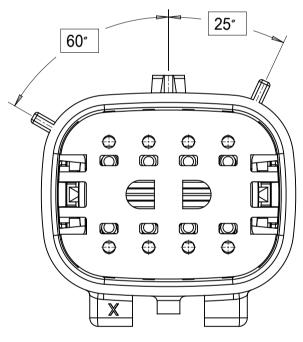
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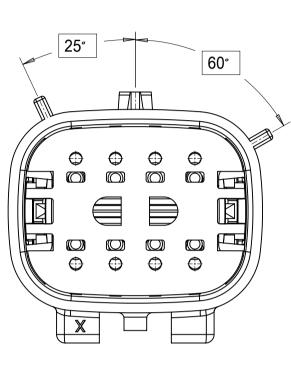
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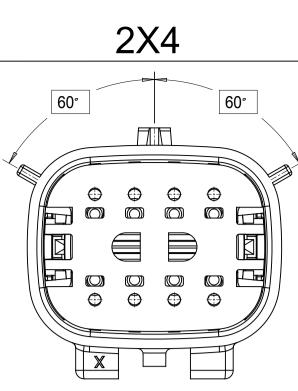


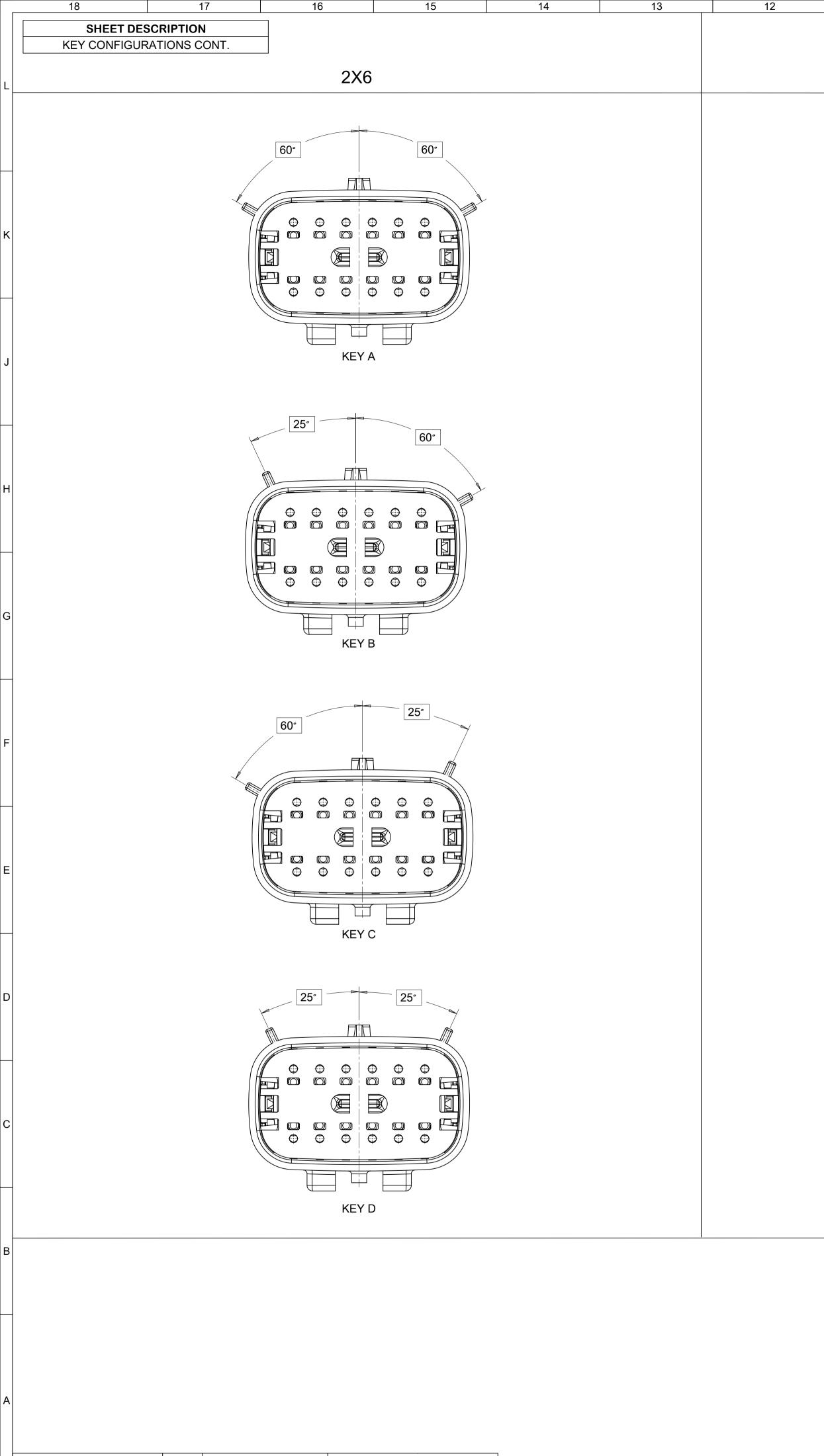






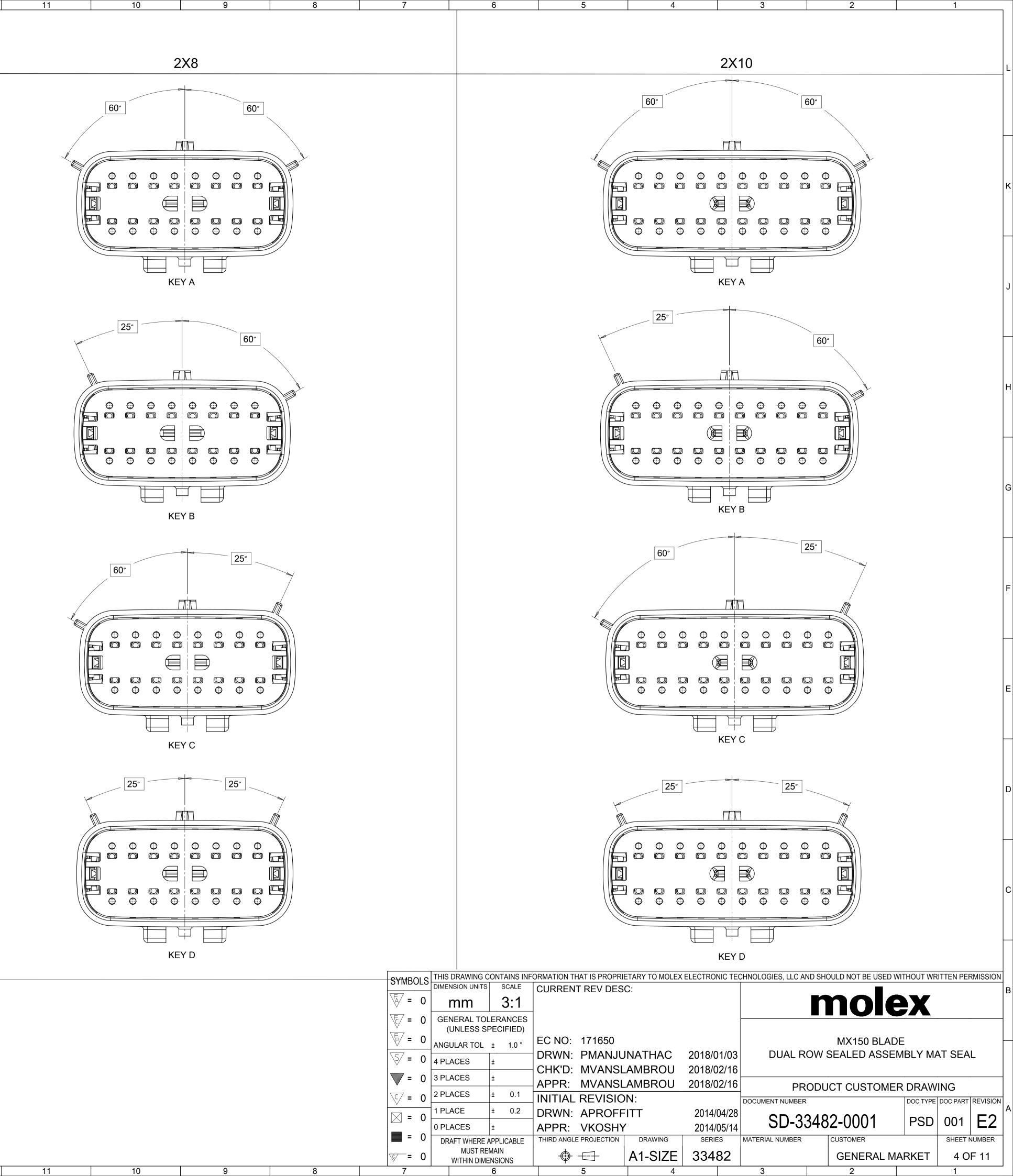






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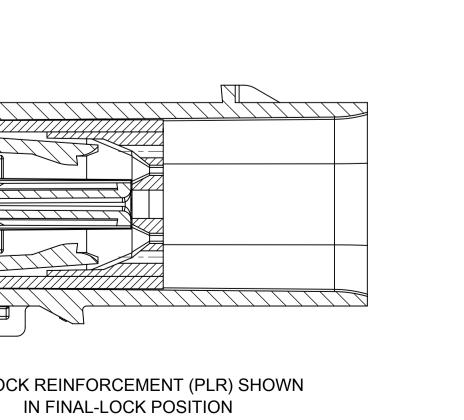


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H	OPTIONAL LASER MARKING ON THIS SURFACE SEE NOTE 3g.	
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BLADE SEALED ASSEMBLY





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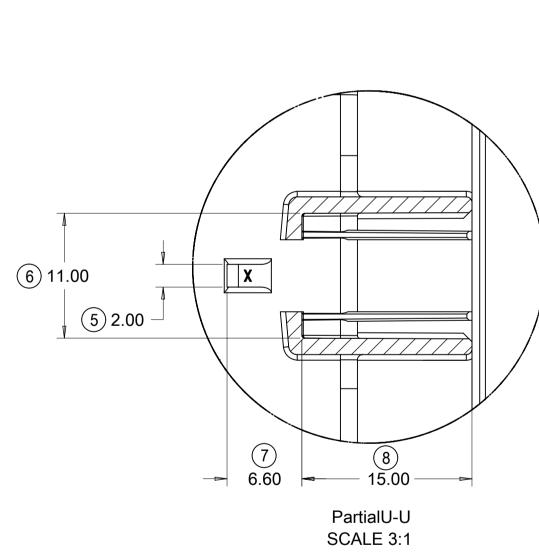
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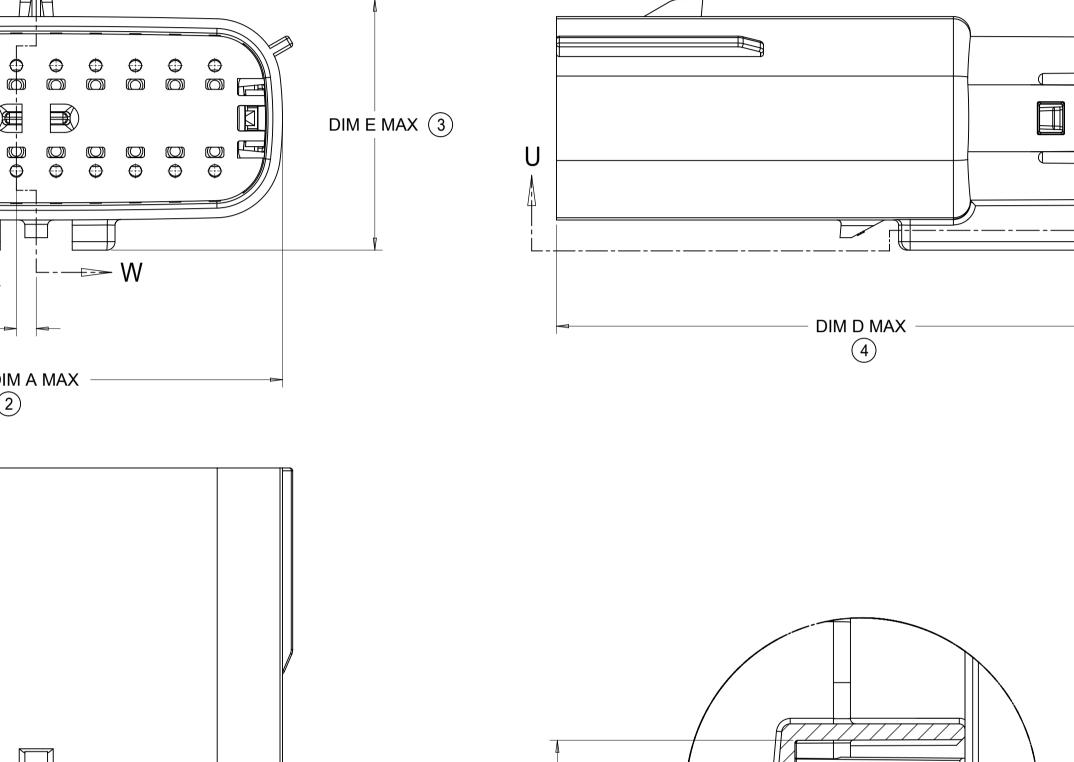
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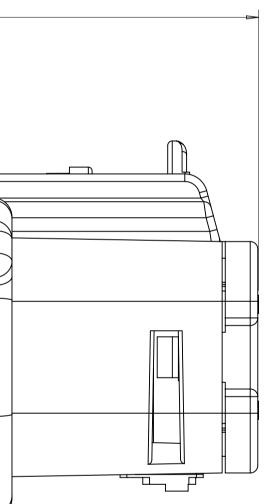




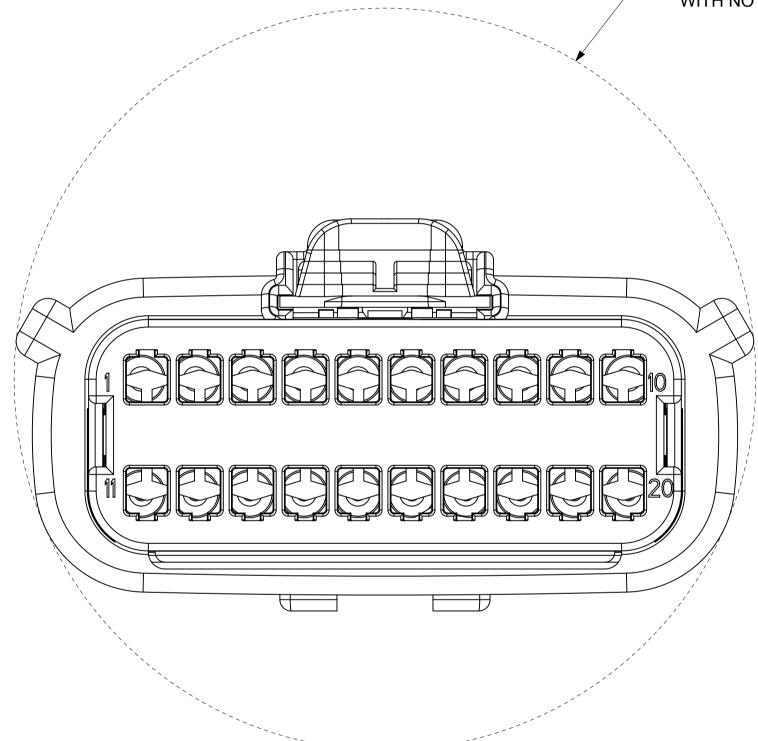


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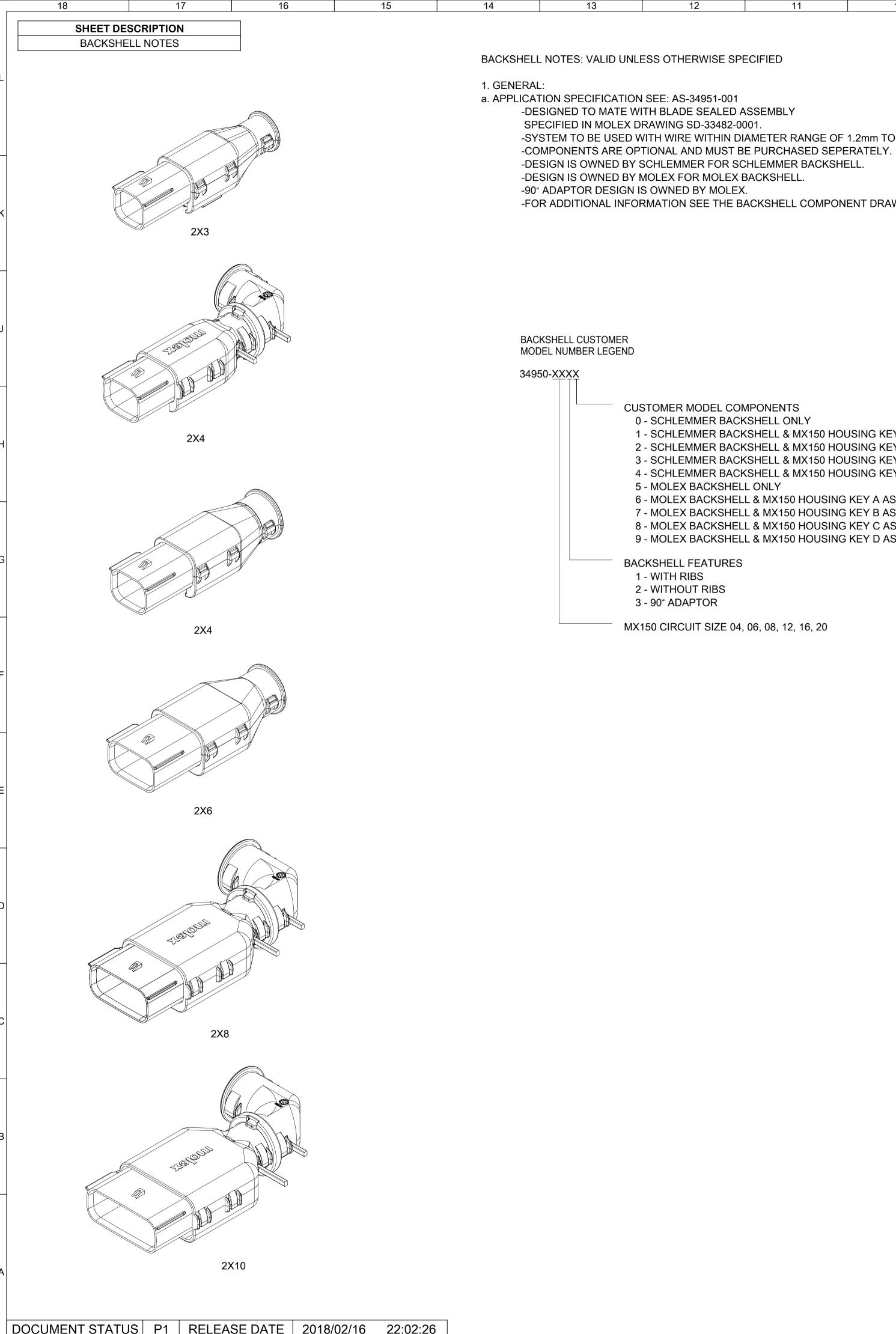


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	W/O CLIPSLOT	70 70	28.00	
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LENGTHENED	W/ CLIPSLOT	74.79	30.50	
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	W/O CLIPSLOT	70.70	05 50	
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	W/O CLIPSLOT	70.07	10.05	
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-SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm. -FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34950-0001.

1 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY A ASSEMBLY 2 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY B ASSEMBLY

3 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY C ASSEMBLY 4 - SCHLEMMER BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

6 - MOLEX BACKSHELL & MX150 HOUSING KEY A ASSEMBLY 7 - MOLEX BACKSHELL & MX150 HOUSING KEY B ASSEMBLY

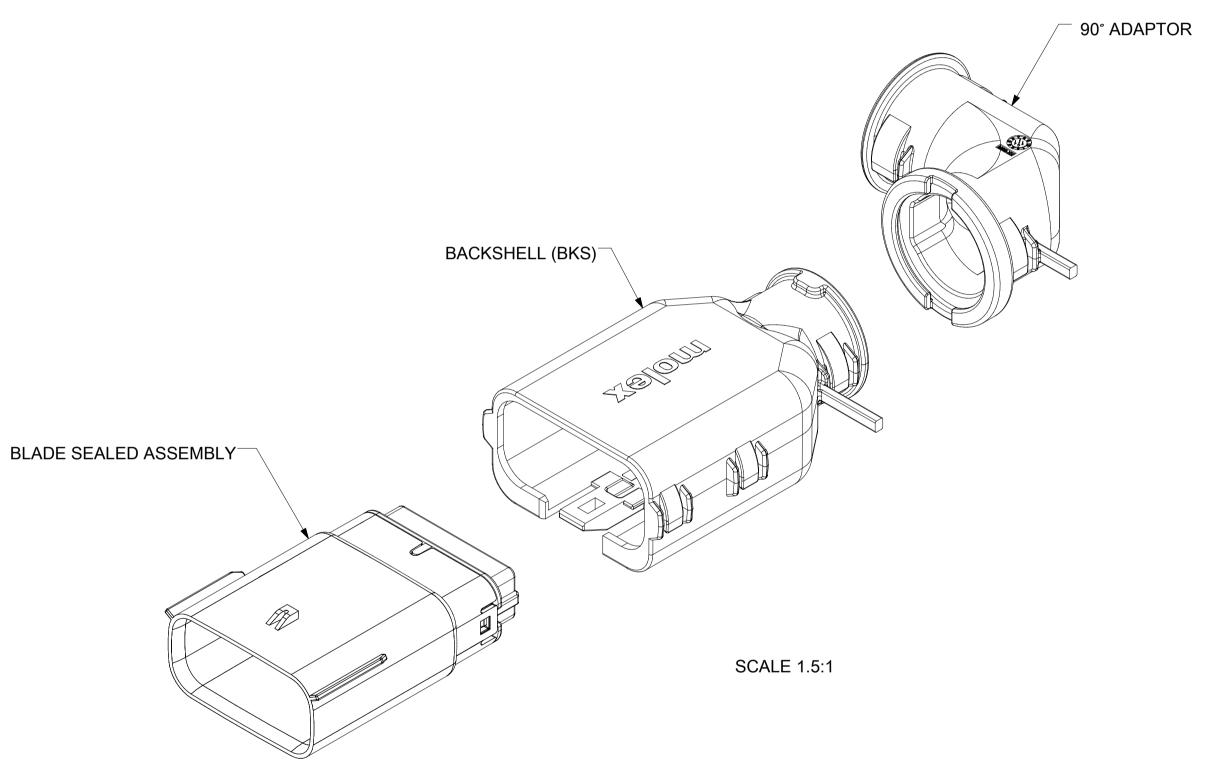
8 - MOLEX BACKSHELL & MX150 HOUSING KEY C ASSEMBLY

9 - MOLEX BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20

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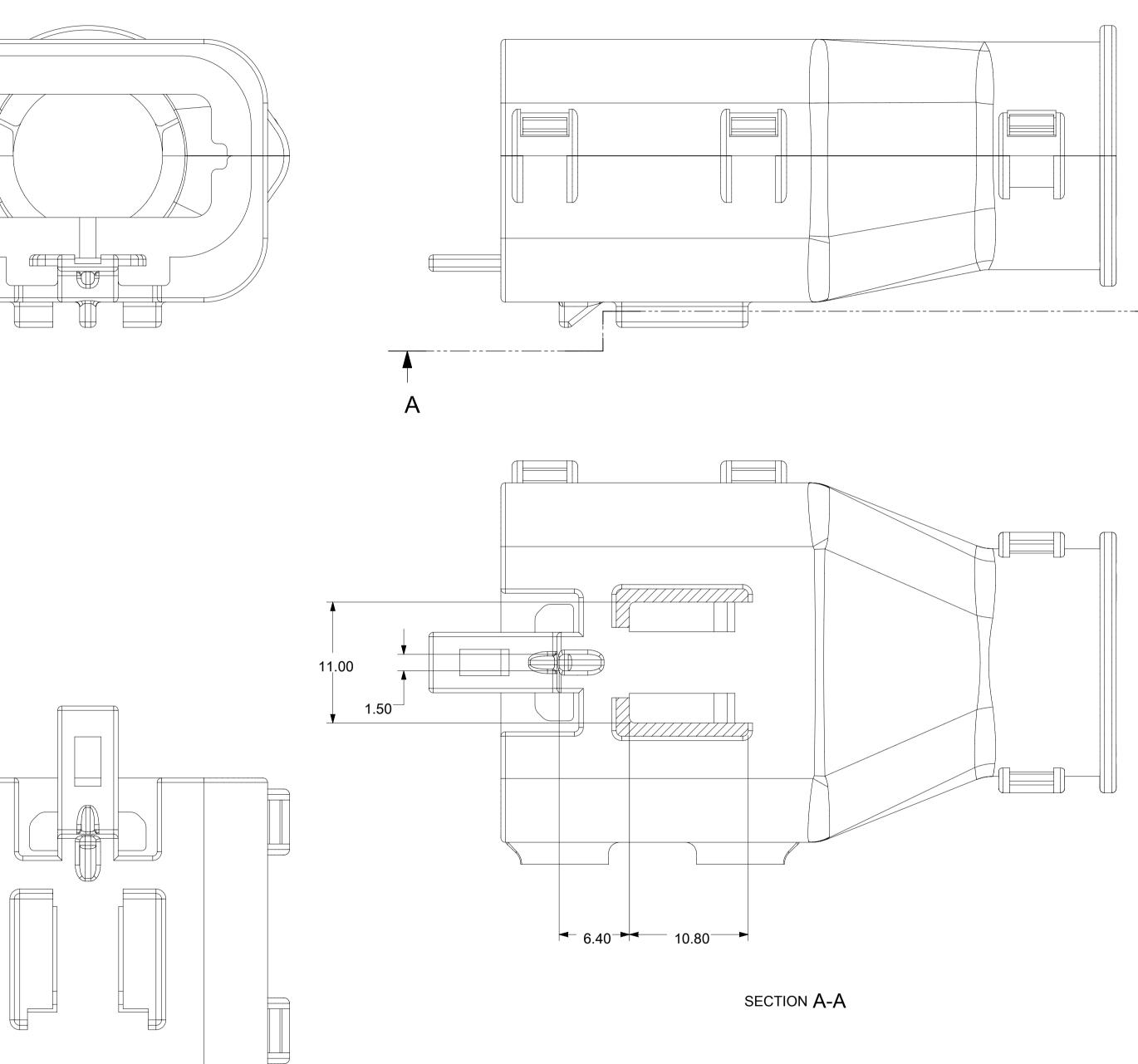
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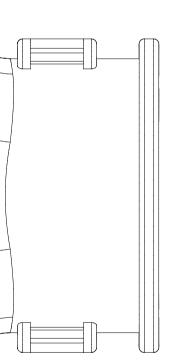
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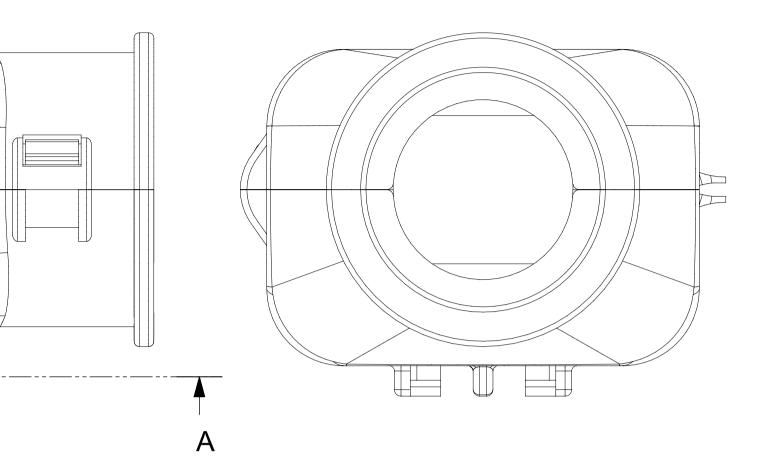
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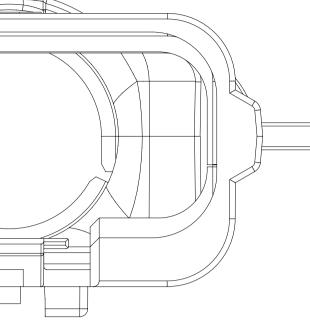
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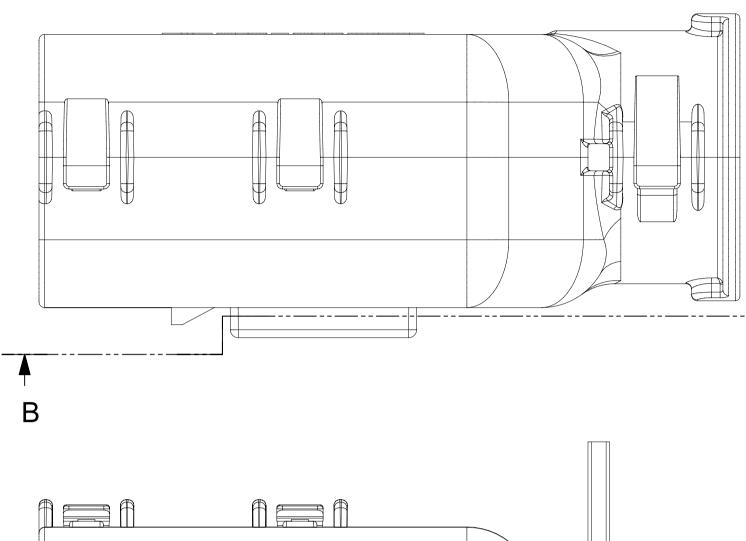


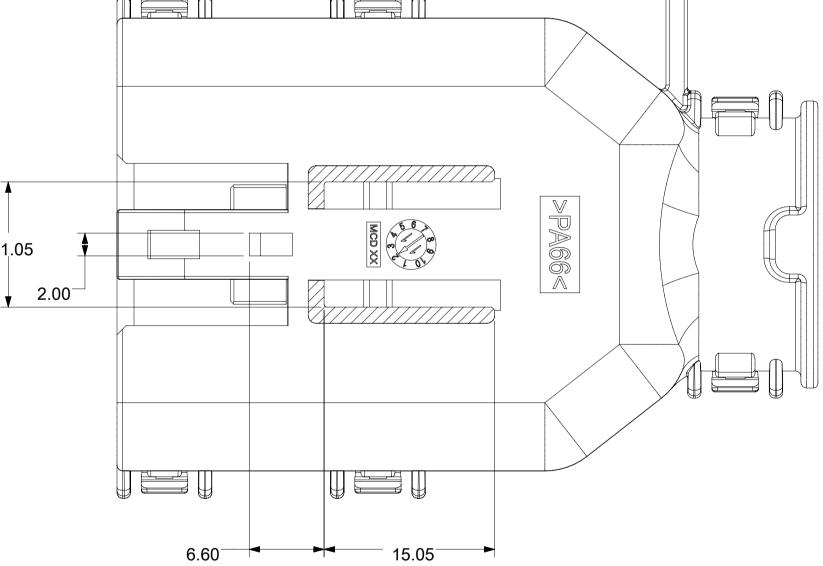


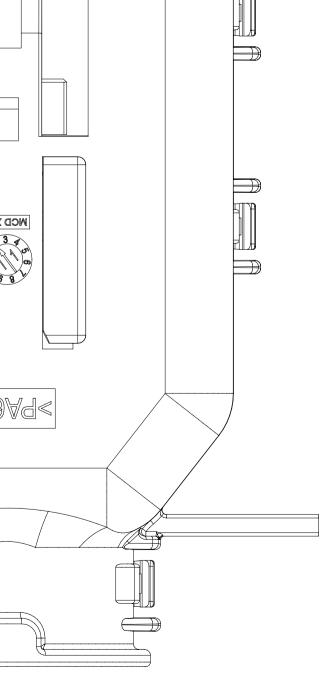
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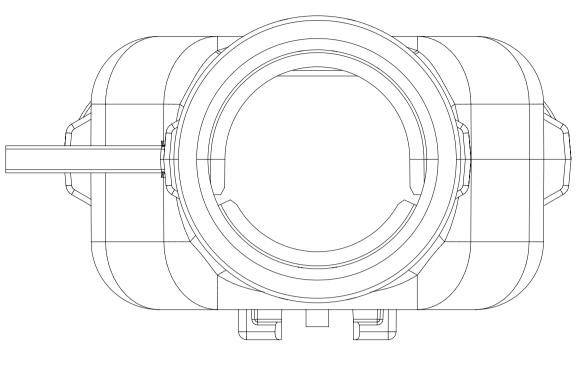
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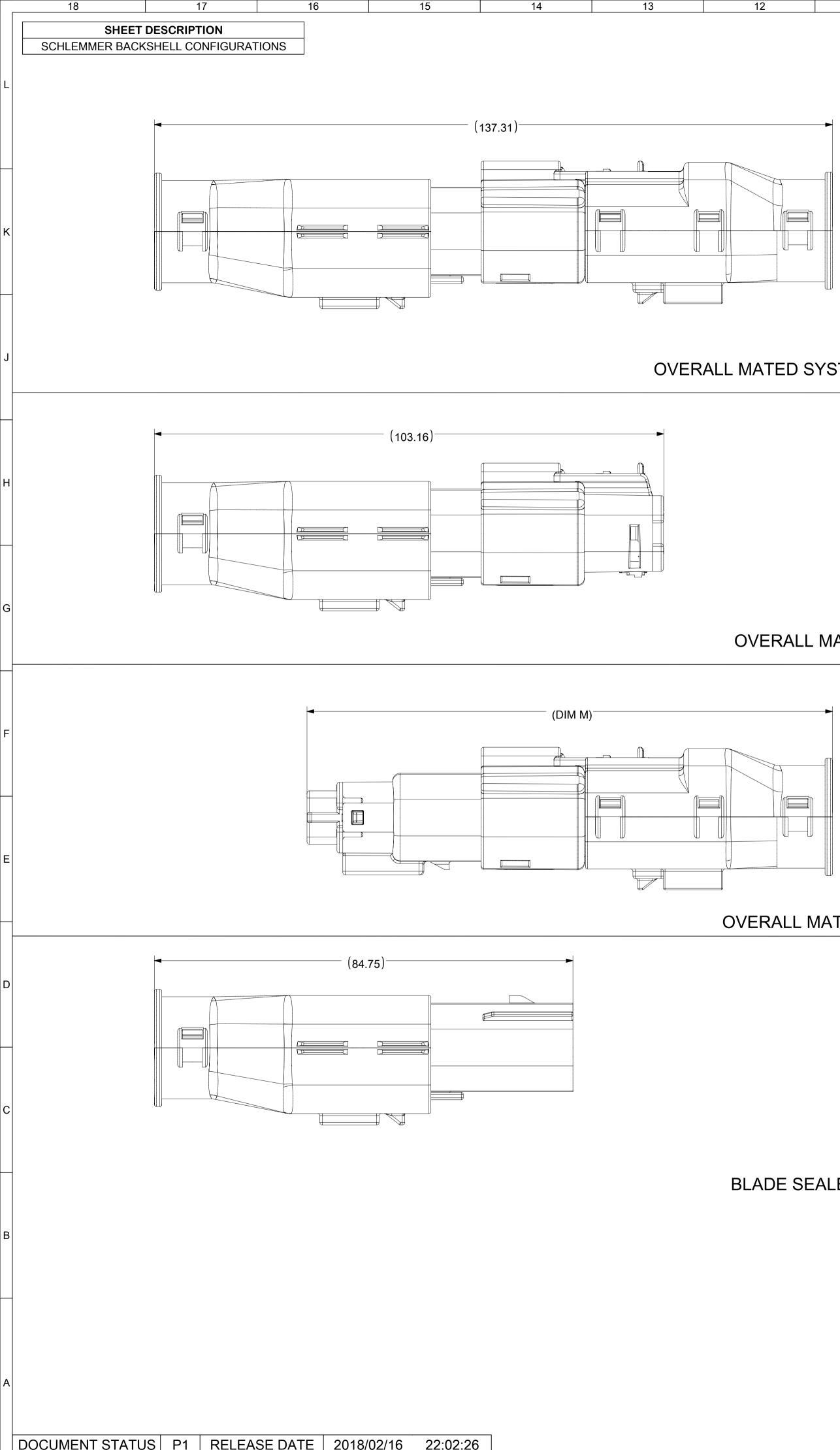






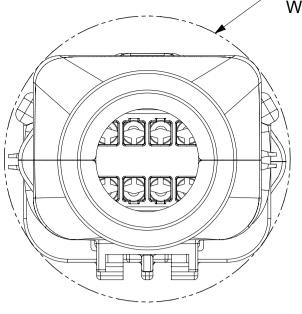






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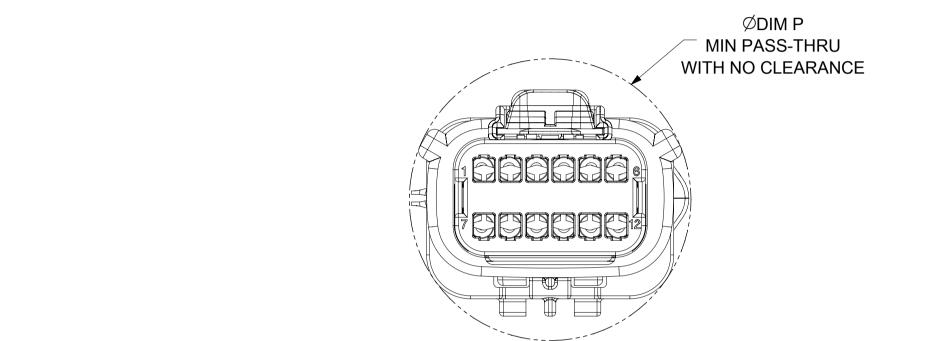
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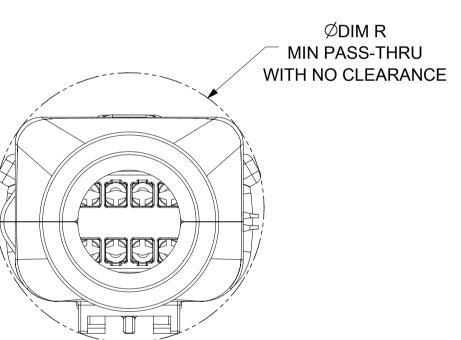
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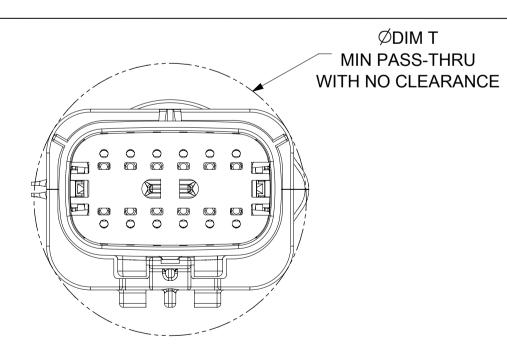
# OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



## OVERALL MATED SYSTEM WITH BLADE BACKSHELL



# OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL



### BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

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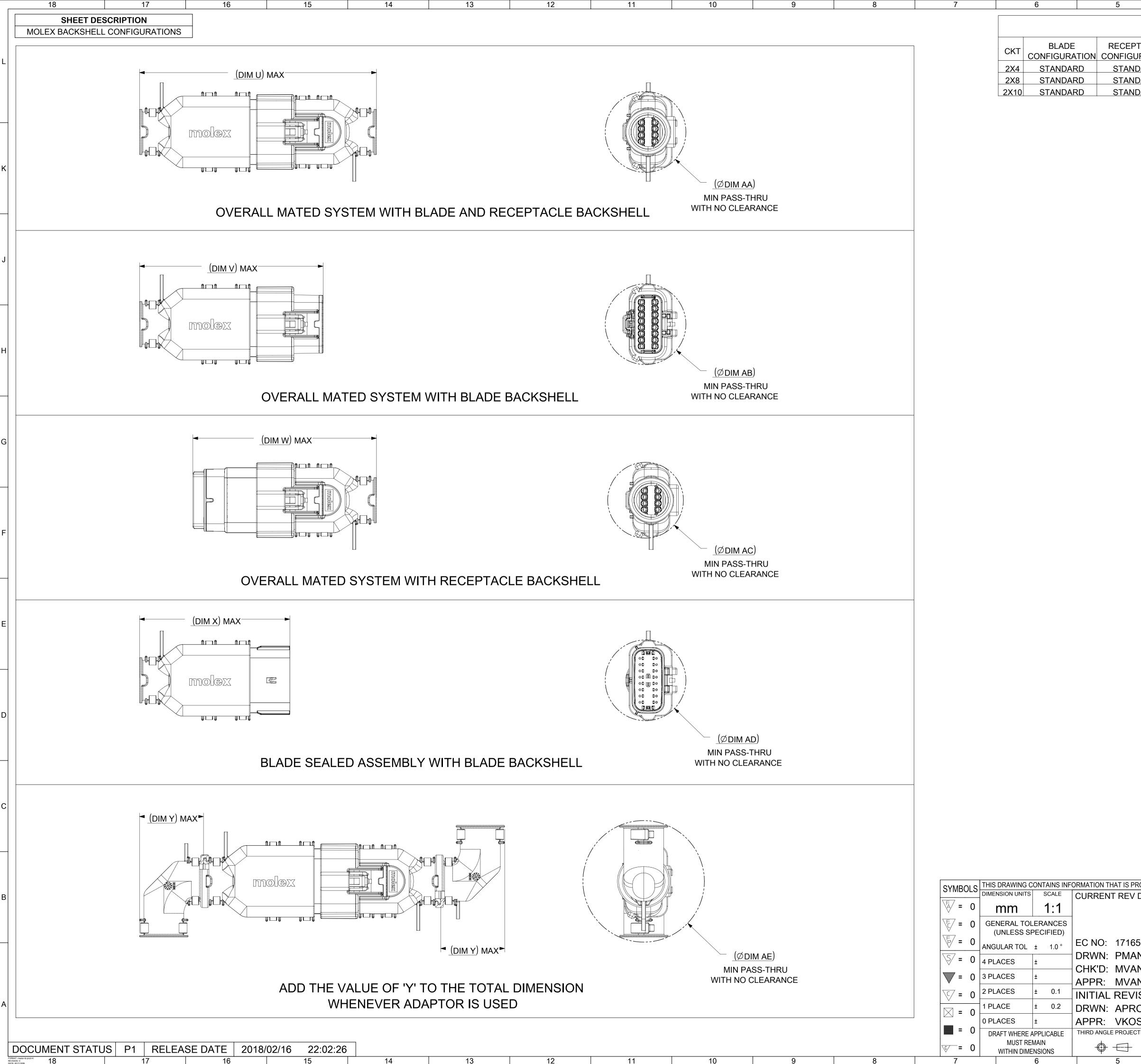
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2X4	STANDARD	STANDARD	106.83	33.50	31.90	30.70	30.70								
2X6	STANDARD	STANDARD	106.83	37.84	37.27	35.83	36.83								

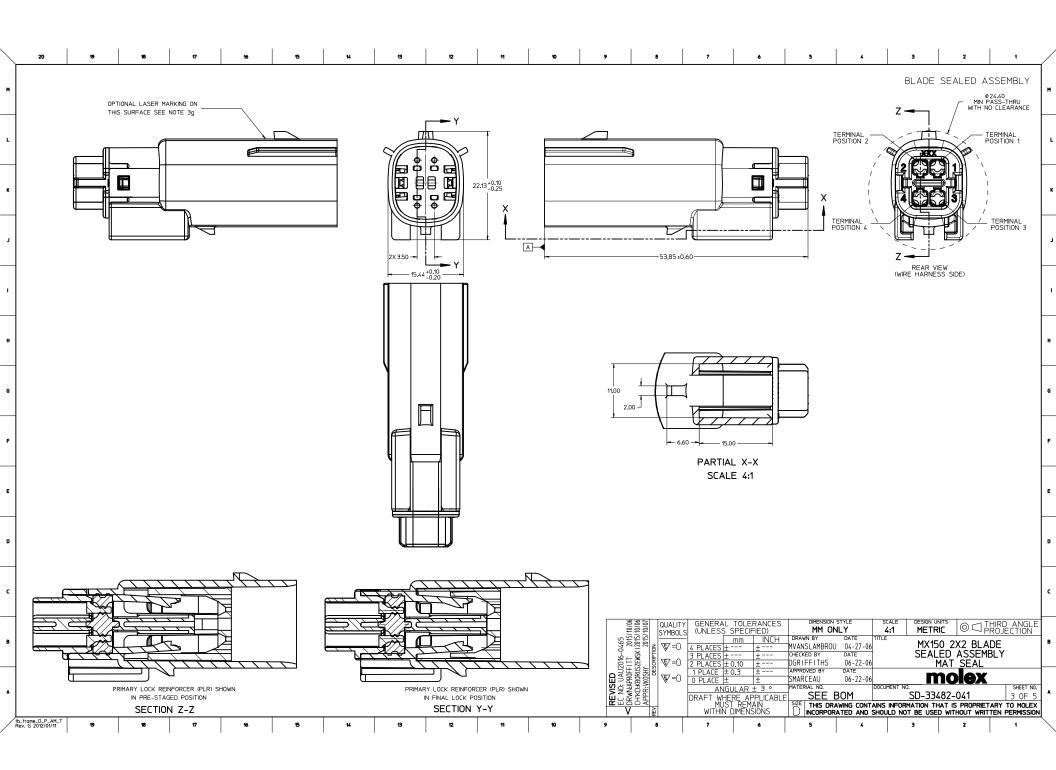


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IDARD	132.49	102.81	102.73	84.07	36.10	45.44	45.44	42.65	45.44	68.18				
IDARD	132.49	102.81	102.73	84.07	36.10	45.44	45.44	42.65	45.44	68.18				

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		SHEET NO.     SHEET DESCRIPTION       1     NOTES       2     KEY CONFIGURATIONS       3     BLADE SEALED ASSEMBLY       4     SYSTEM PACKAGING		
		GROMMET CAP		LOCATIONS PRODUCT INTRODUCTION PROJECTIONS. TERMINAL NOT EXCEPTIONE OF A NEW YORK AND YOUR YOUR YOUR YOUR YOUR YOUR YOUR YOUR
				2. DESIGN - MATERIALS: a. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON 20% GLASS FILLED b. MAT SEAL: INTERNALLY LUBRICATED SILICONE D. DESIGN - SEAL: INTERNALLY LUBRICATED SILICONE
	H			a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA     IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION     NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.     b. GEOMETRIC DIMENSIONAD DETAILS PER ASME Y14.5M - 1994     C. EDGEEAND UNDIMENSIONED DETAILS PER ISO13715     d. EITERING SHALL BE 0.0% MAX RAISED IN 0.25 MAX RECESS PAD.     tHIS INCLUDES RECYCLING CODE. CAVITY ID, VENDOR IDENTIFICATION,     AND USSTOMER MATERIAL. NUMBER.
	6		PRIMARY LOCK REINFORCER (PLR)	f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B) g. LASER MARKING: TBD
	F			F
x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x     x </td <td>E</td> <td></td> <td>200</td> <td>E</td>	E		200	E
c     NOPECING     P2     UPDATED INTES     P2       ADDED:     P1     UPDATED INTES     P2       ADDED:     REMOVED:     P1     UPDATED INTES     P2       SYMBOLS     UNLESS SPECIFIED:     MM ONLY     SLI     METRIC     ©	D			U         ADD NEW P/N 33482-4417           T         ADD NEW P/N 33482-4415         33482-4416           S         ADD NEW P/N 33482-4413           R         ADD NEW P/N 33482-4413           Q         UPDATED GROMMET CAP
B       Status       Status	с 			INSPECTION NOMBER LUG     P2     UPDATED DIMENSIONS TO MATCH MODEL     C       LAST NUMBER USED:     P1     UPDATED NOTES     P       ADDED:     P     REDAWN     REV     DESCRIPTION       REMOVED:     P     REV     DESCRIPTION       SSSS     OHENSION STYLE     SCALE     DESCRIPTION
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tb. Re	frame_D_P_AM_T v. G 2012/01/11 <b>19</b>	1	18 17	,	16		15	14	13	12	Ħ	10		> V	8	WITHI 7			) INCORPOF 5	RATED AND	SHOULD NO	T BE USED V	2 2	TEN PERMISS	<u>SION</u>