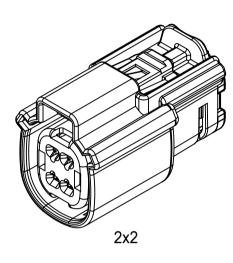
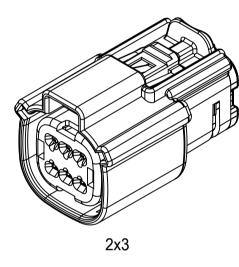
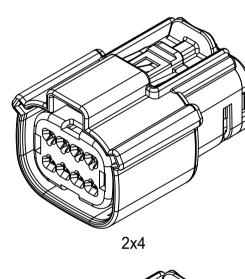
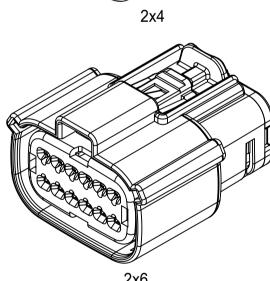


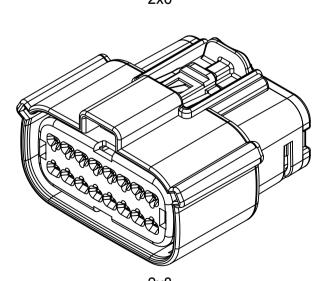
TA	BLE OF CONTENTS
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	RECEPTACLE CONNECTOR ASSEMBLY
6	BACKSHELL NOTES
7	BACKSHELL
8	BACKSHELL CONFIGURATIONS
9	2X10 CONNECTOR INTERFACE DEFINITION

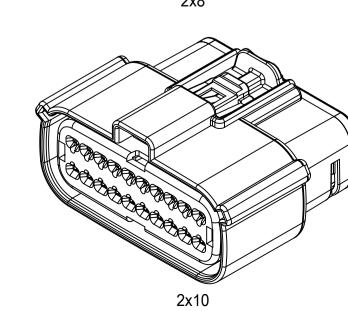












NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

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 DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/CONNECTOR DRAWINGS CHART.

*DENOTES DRAWINGS THAT CAN BE ACCESSED AT http://ewcap.uscarteams.org/. -ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION

b. PRODUCT SPECIFICATION SEE:

-STANDARD CONFIGURATION (STD): PS-33472-000 -TRANSMISSION CONFIGURATION (TRNS):

(SEE PLR PRE-LOCK VIEW SHEET 5).

CONTAINS SILICONE: TS-160038-0001

SILICONE FREE: TBD

-UL V0 CONFIGURATION (UL V0): 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: SEE PACKAGING CHART d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR

PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-301

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-33472-0002

-TRANSMISSION CONGURATION CONTAINS SILICONE: SD-160038-0002

SILICONE FREE: SD-160092-0002

-UL V0 CONFIGURATION SD-160074-0002

b. TRANSMISSION CONNECTOR COMPONENTS MUST MEET THE MATERIAL REQUIREMENTS SPECIFIED IN TS-160038-0001 & TBD

3. DESIGN - GEOMETRY:

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 ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.

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

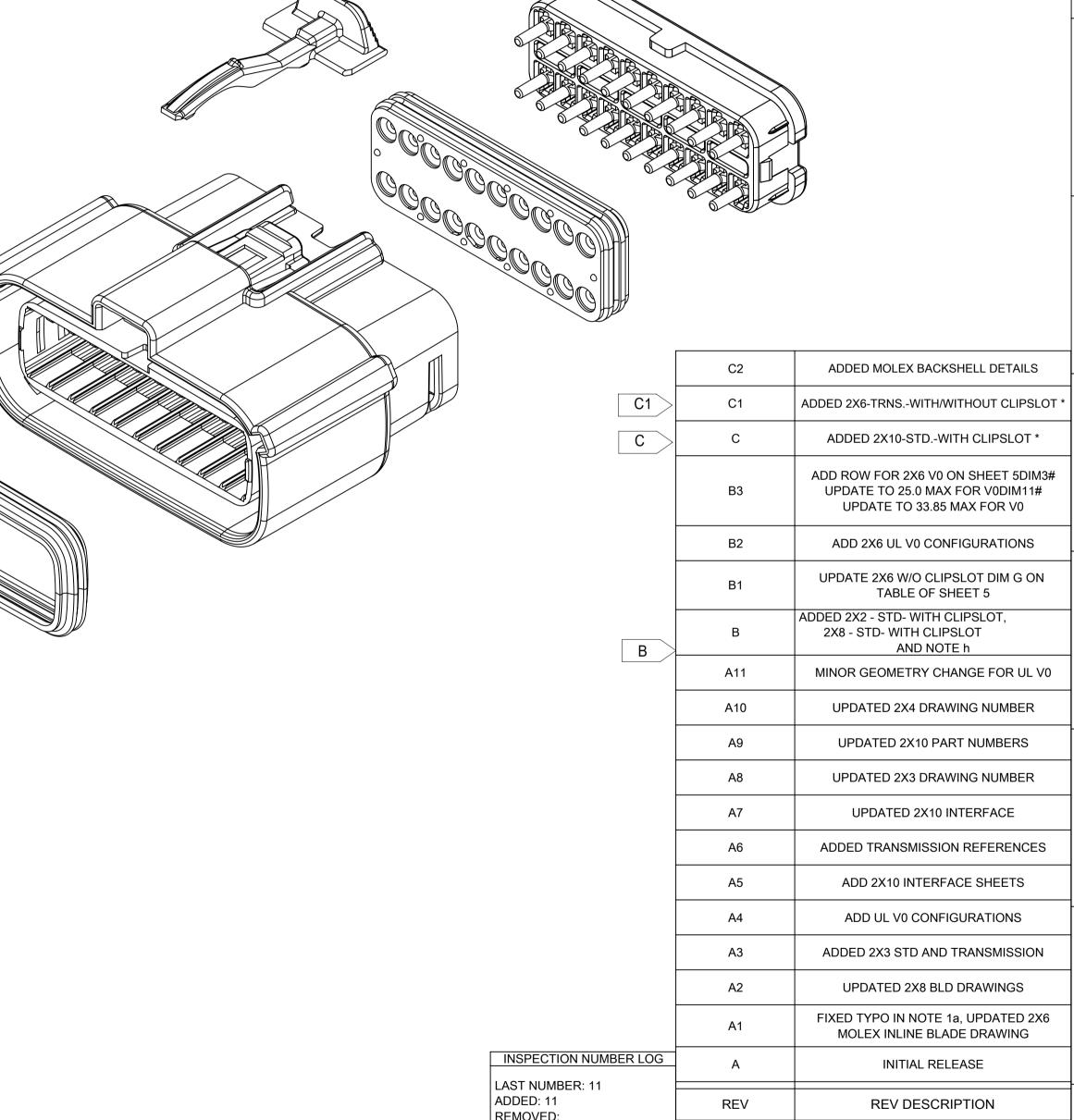
4. YEAR FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

B h. 2X2 CLIP-SLOT DESIGN IS BASED ON USCAR/EWCAP 7mm CLIP SLOT EWCAP - 005 - 7

2X3 THRU 2X10 CLIP-SLOT DESIGN IS BASED ON USCAR/EWCAP 11mm CLIP SLOT EWCAP - 005 - 11

DRAWING NO.
PK-31300-635
PK-31300-903

DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
STANDARD 2X2	*150-S-004-2-Z02	SD-33482-0001
UL V0 2X2	*150-S-004-2-Z02	SD-33482-0001
STANDARD 2X3	*150-S-006-2-Z02	SD-33482-0001
TRANSMISSION 2X3	*150-S-006-2-Z02	N/A
STANDARD 2X4	*150-S-008-2-Z02	SD-33482-0001
UL V0 2X4	*150-S-008-2-Z02	SD-33482-0001
STANDARD 2X6	*150-S-012-2-Z01	SD-33482-0001
UL V0 2X6	*150-S-012-2-Z01	SD-33482-0001
STANDARD 2X8	*150-S-016-2-Z01	SD-33482-0001
STANDARD 2X10	SD-33472-0001	SD-33482-0001
UL V0 2X10	SD-33472-0001	SD-33482-0001

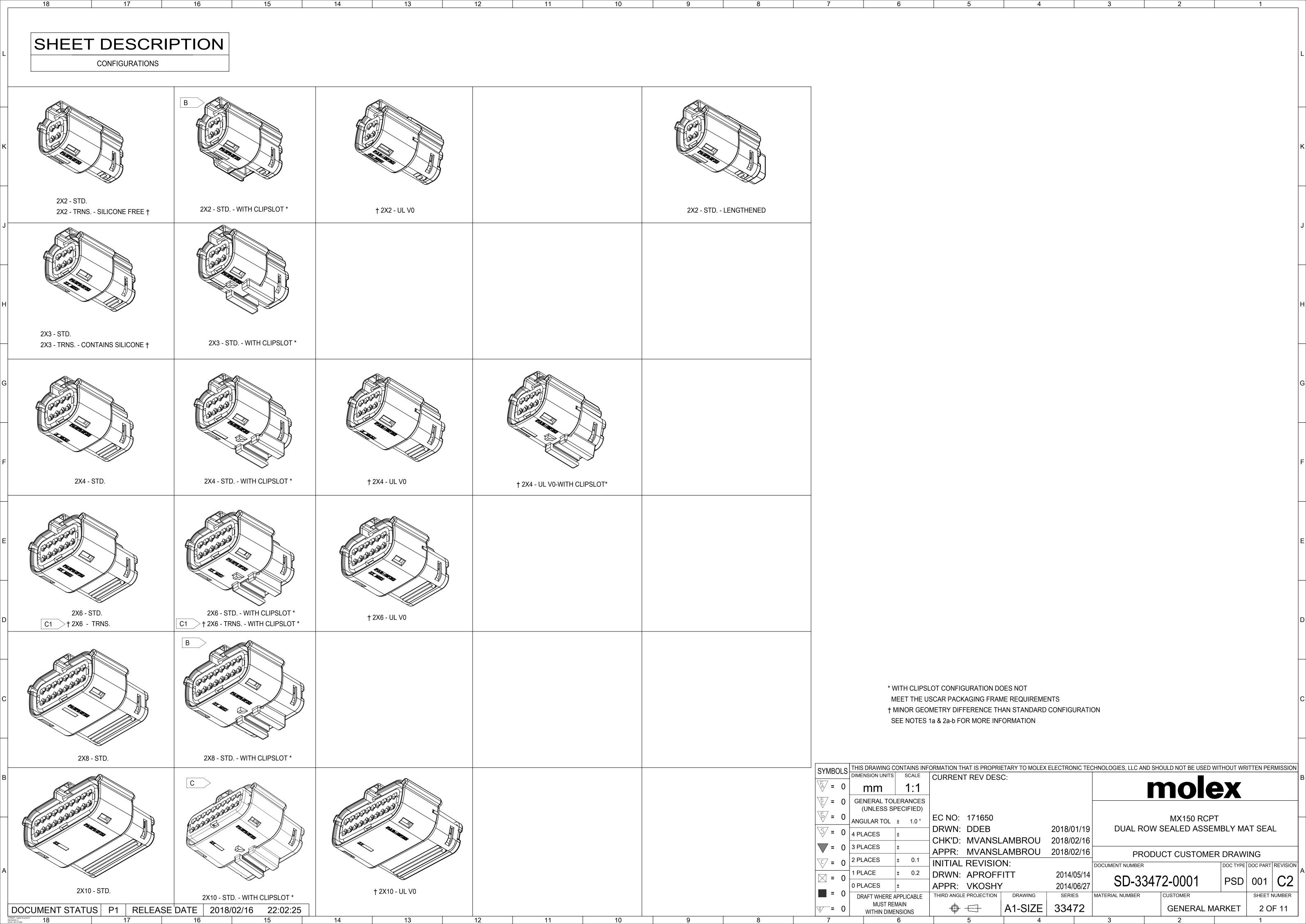


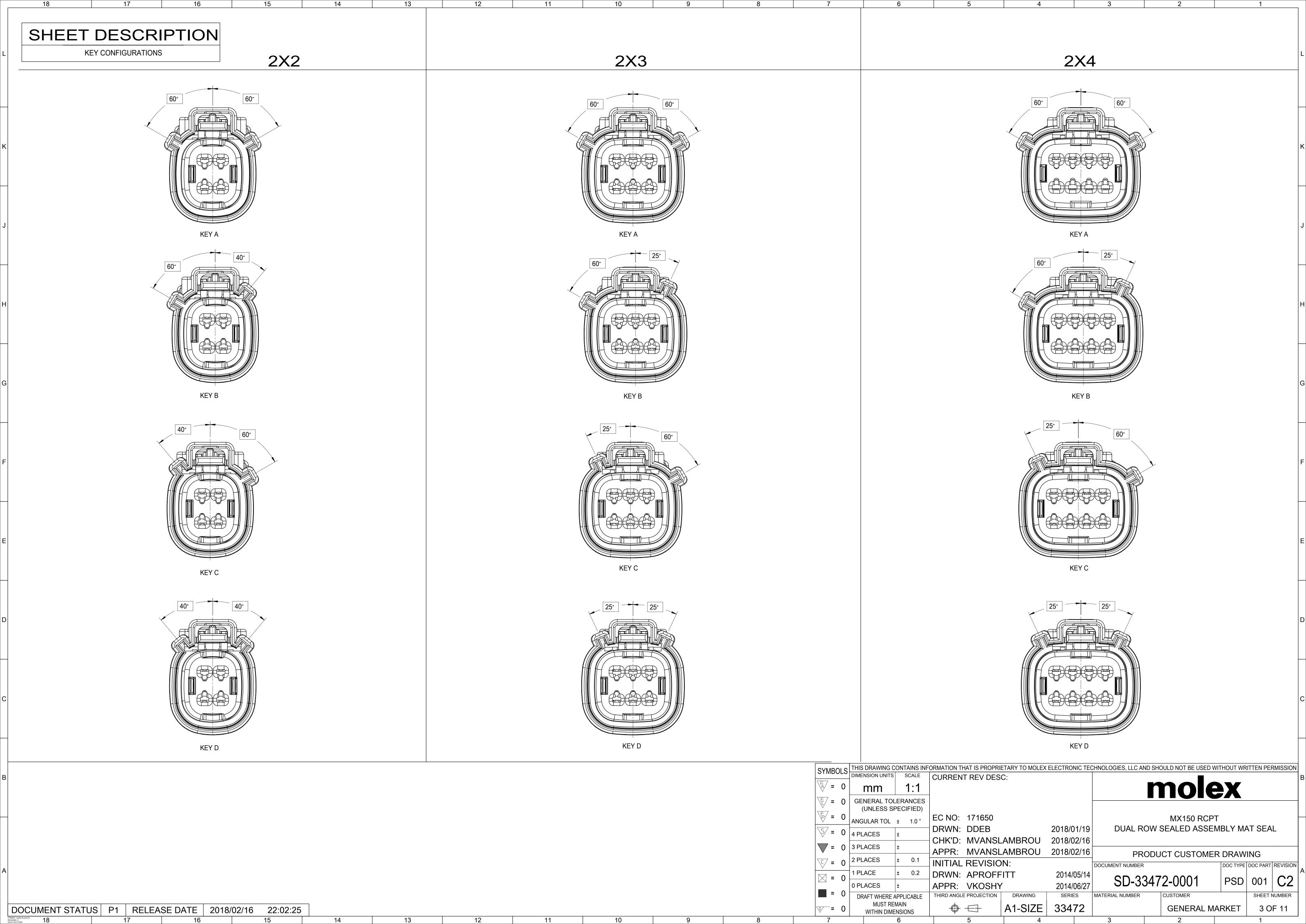
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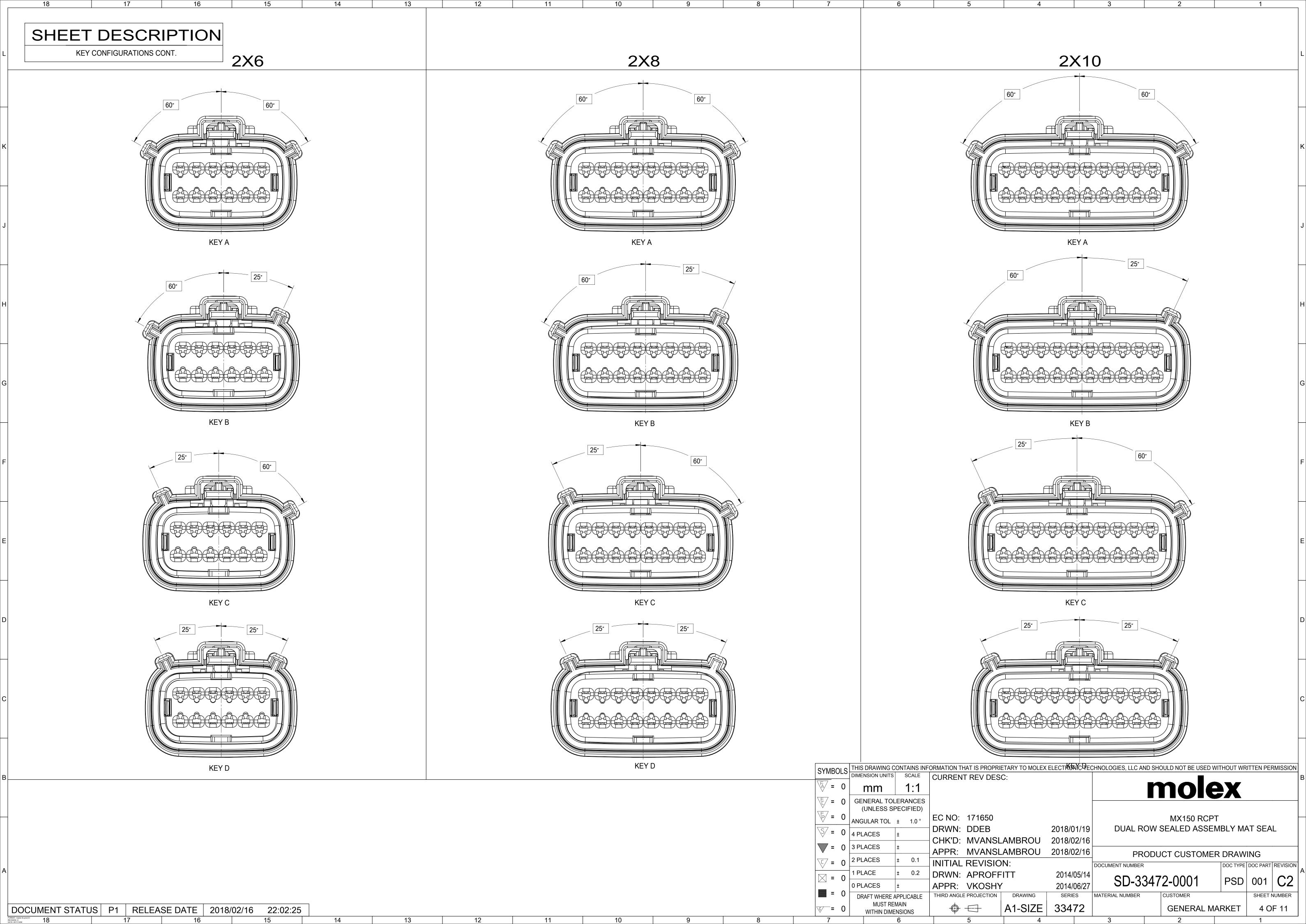
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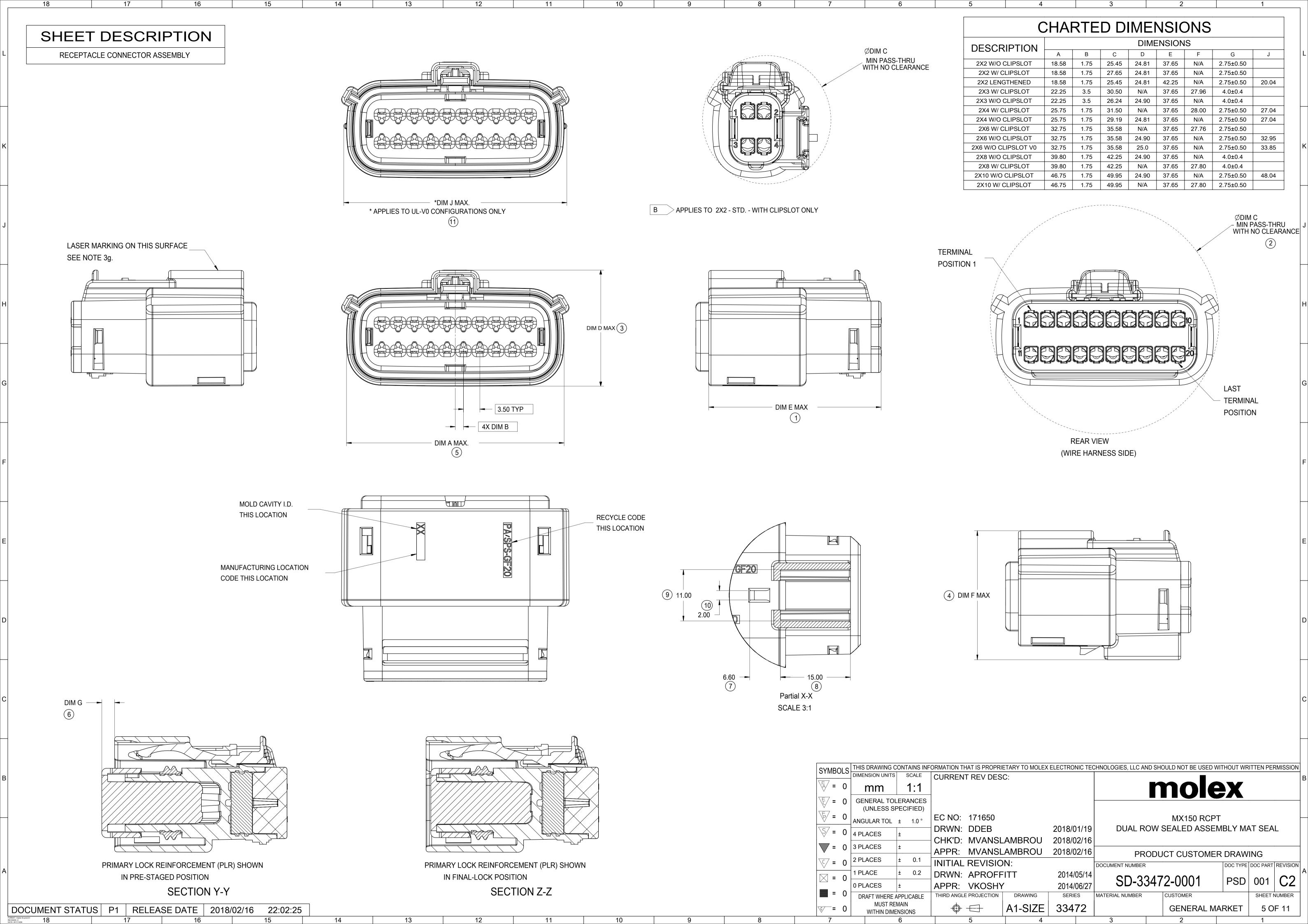
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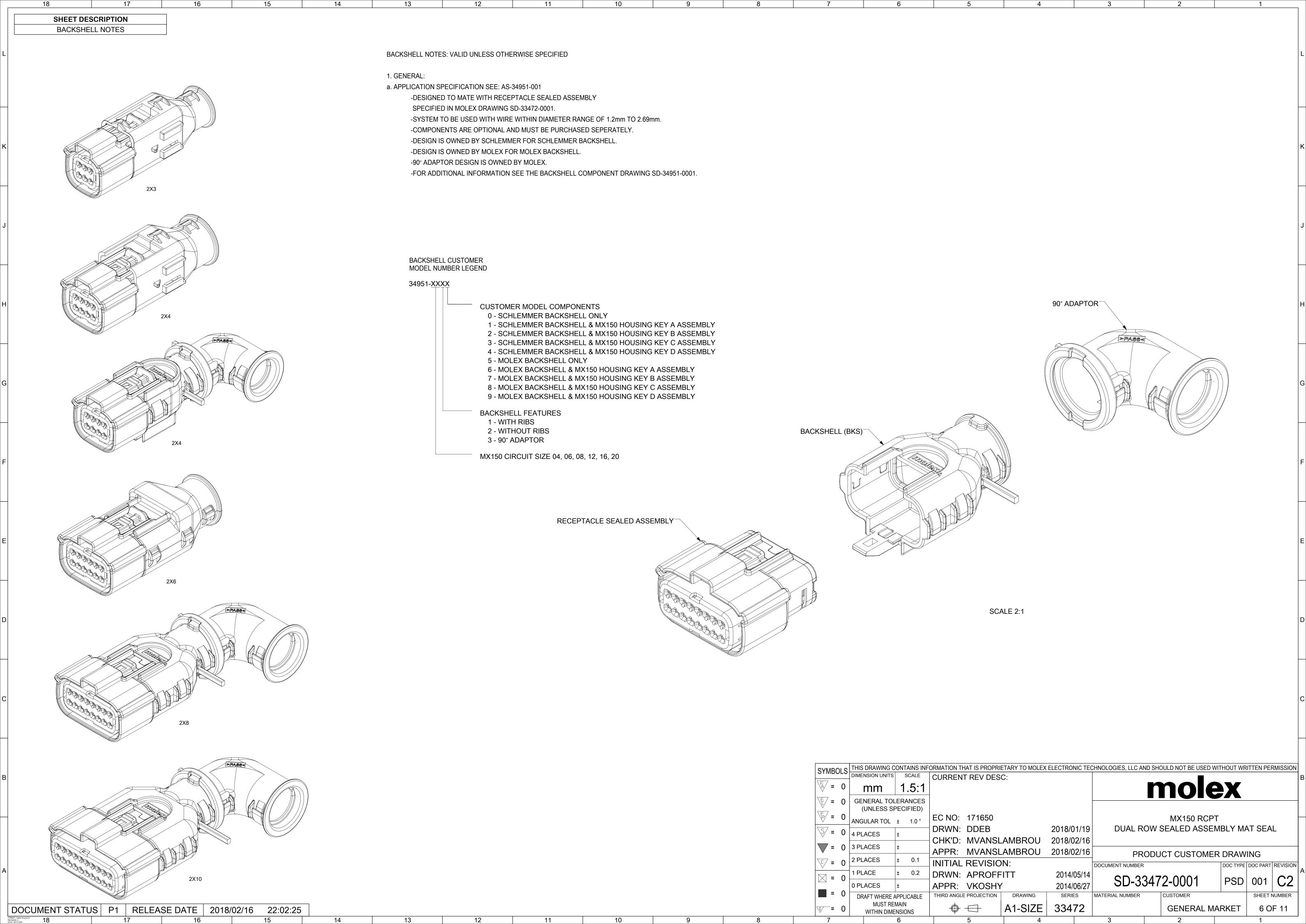
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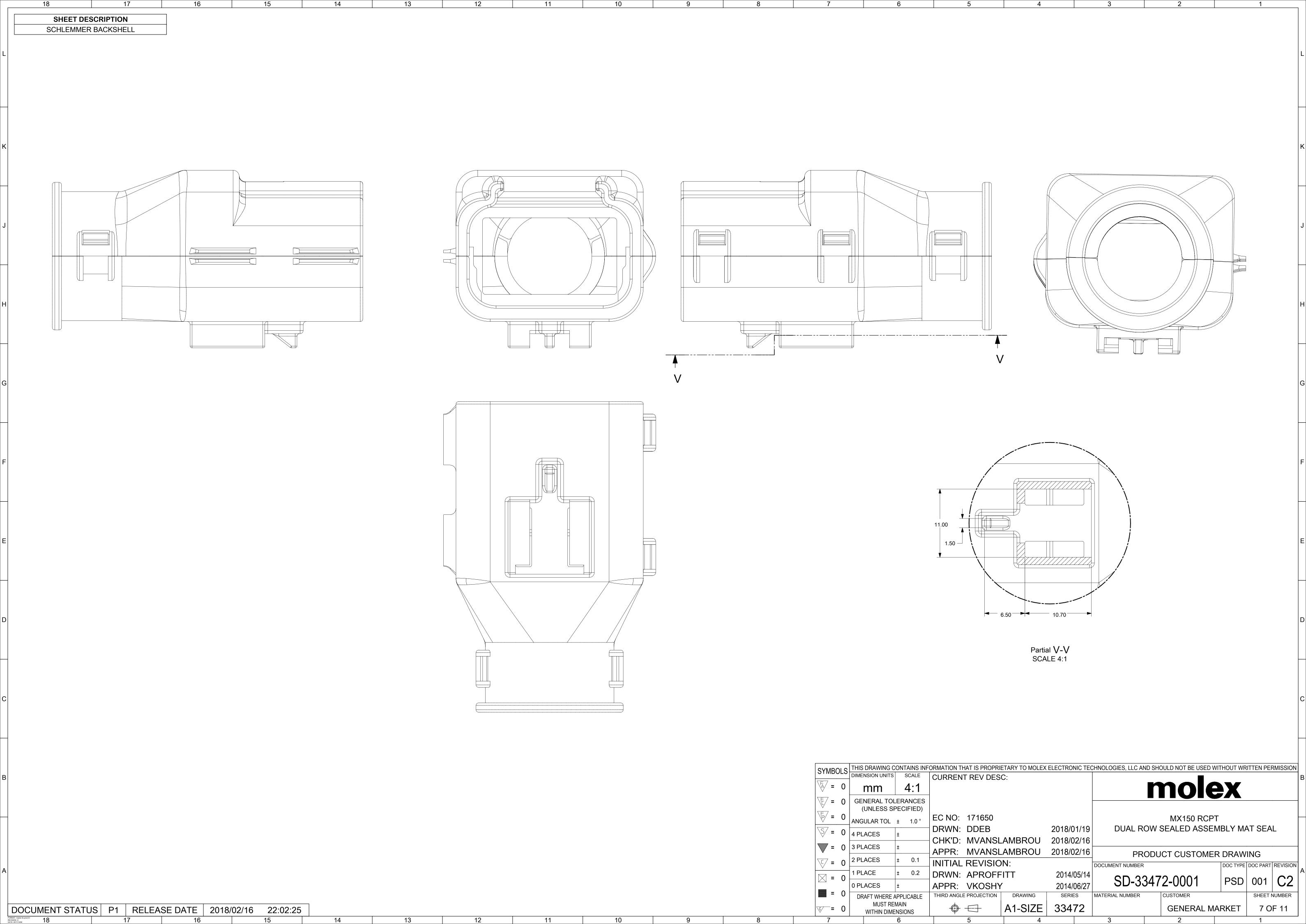


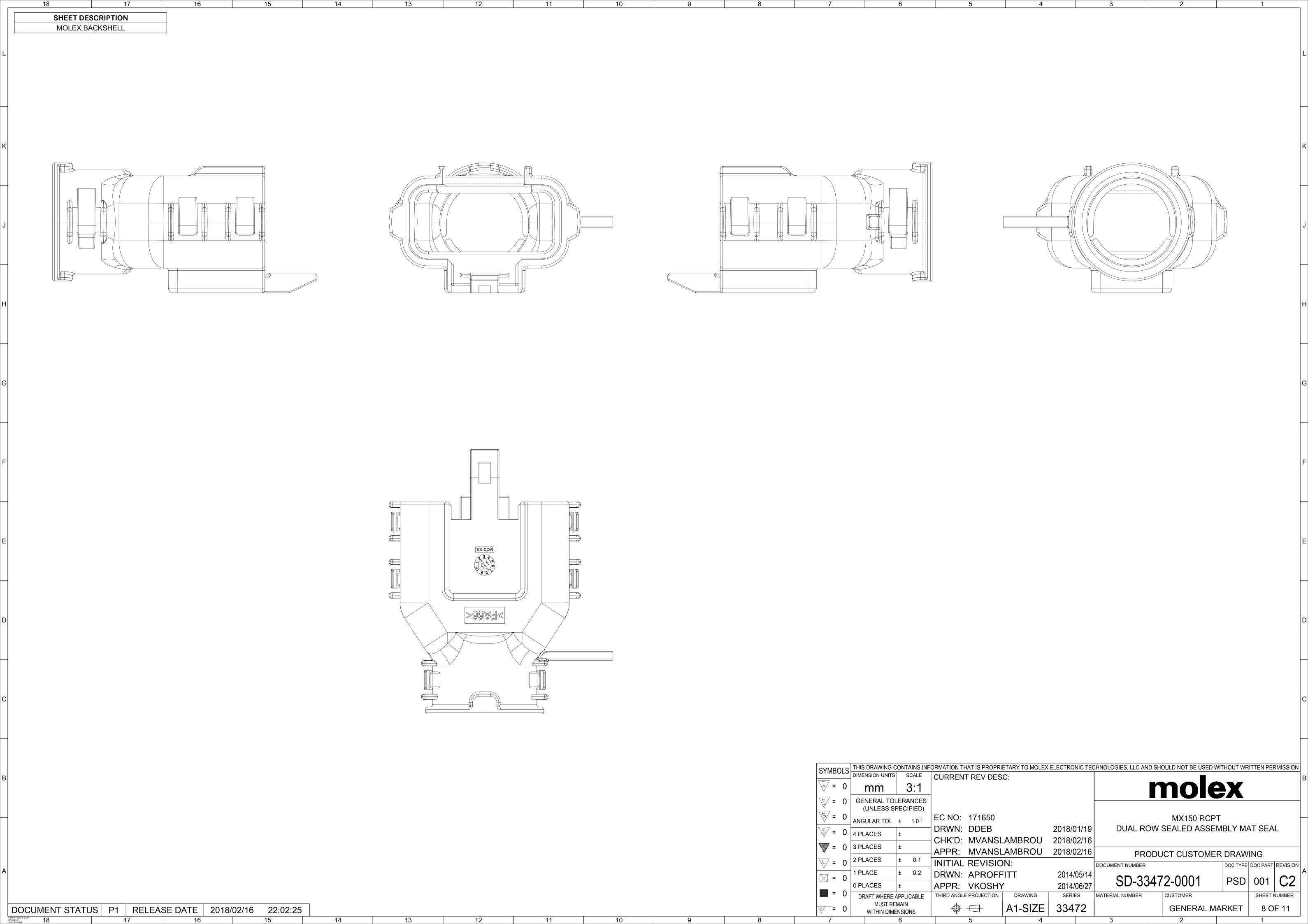


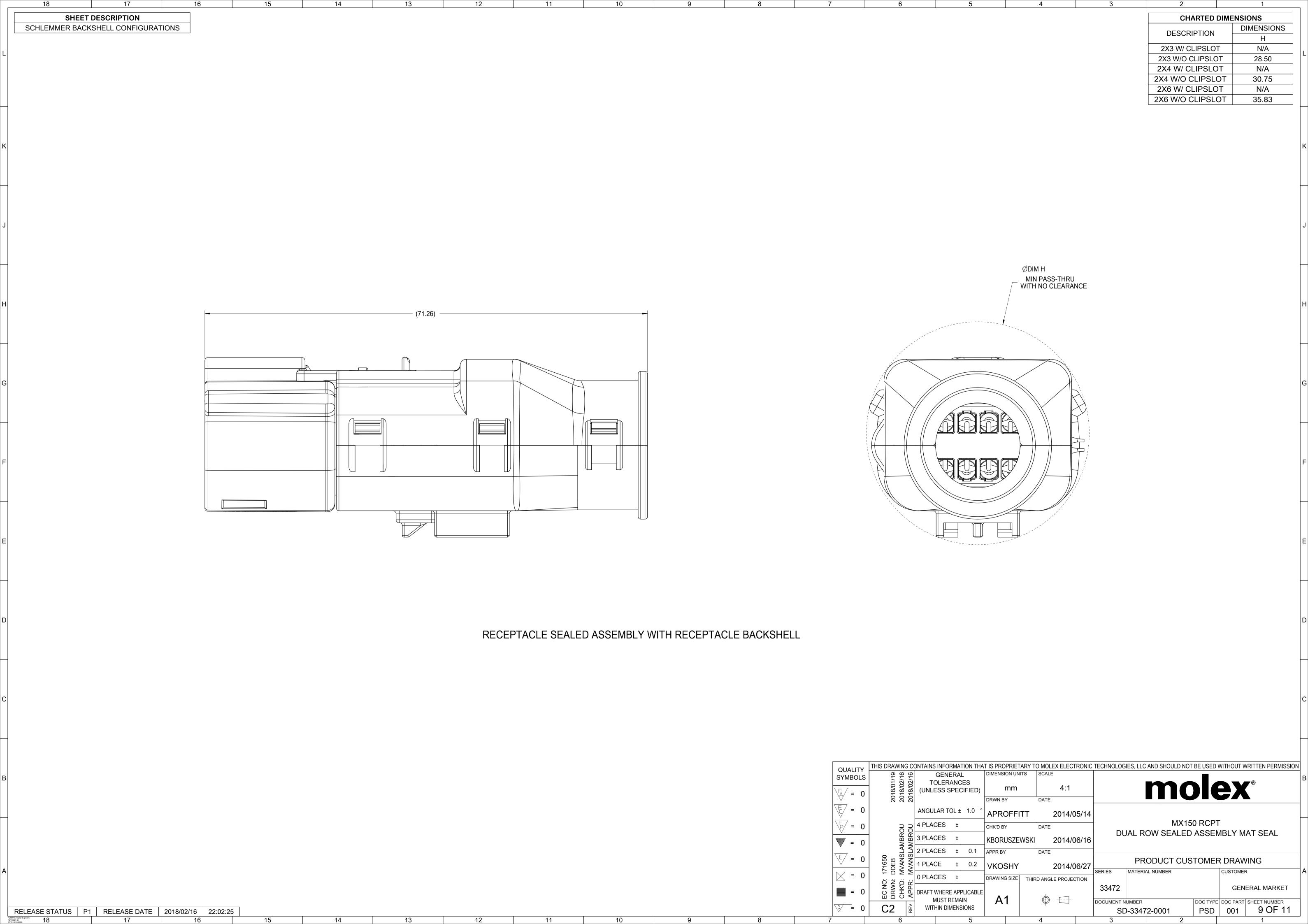


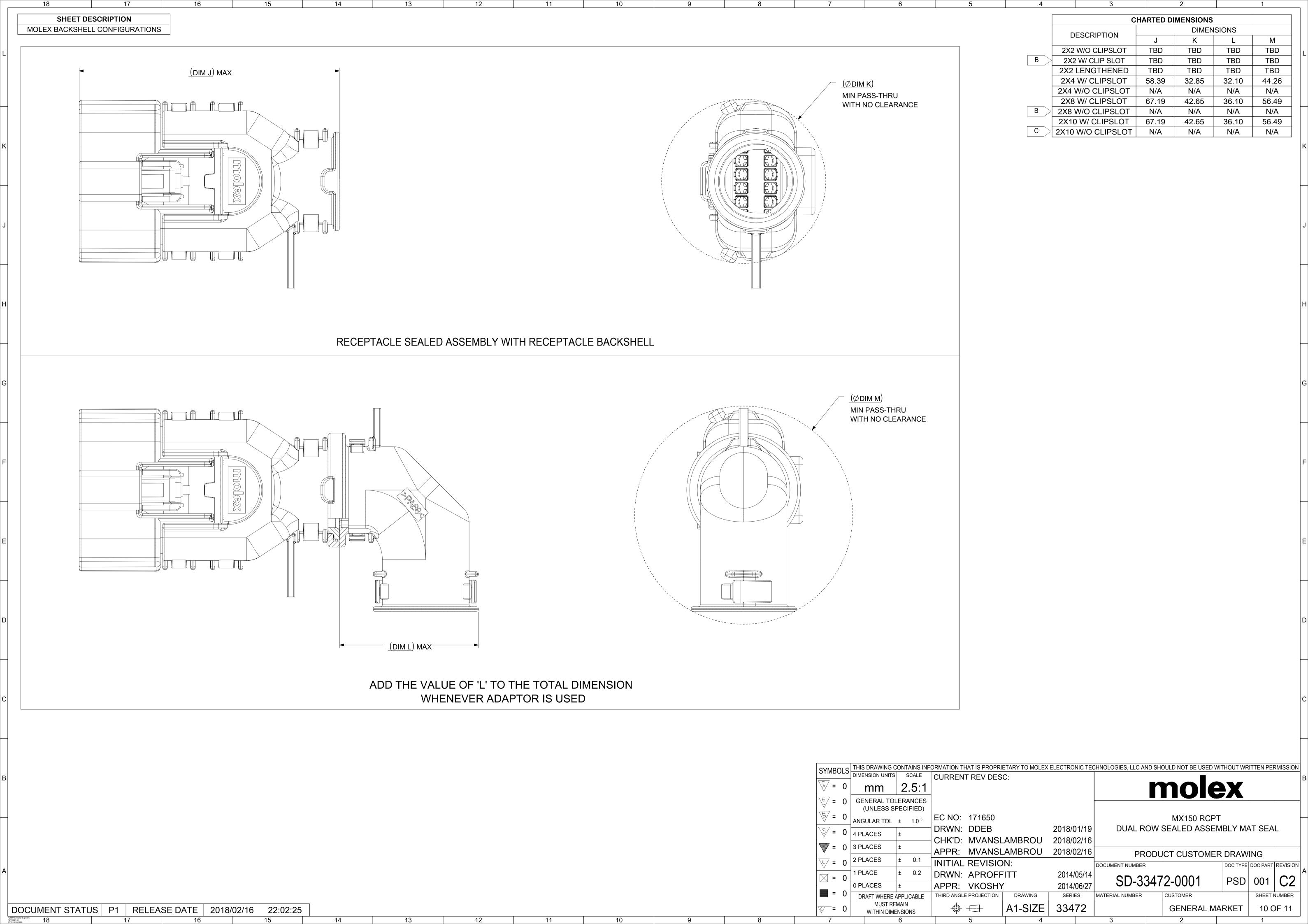


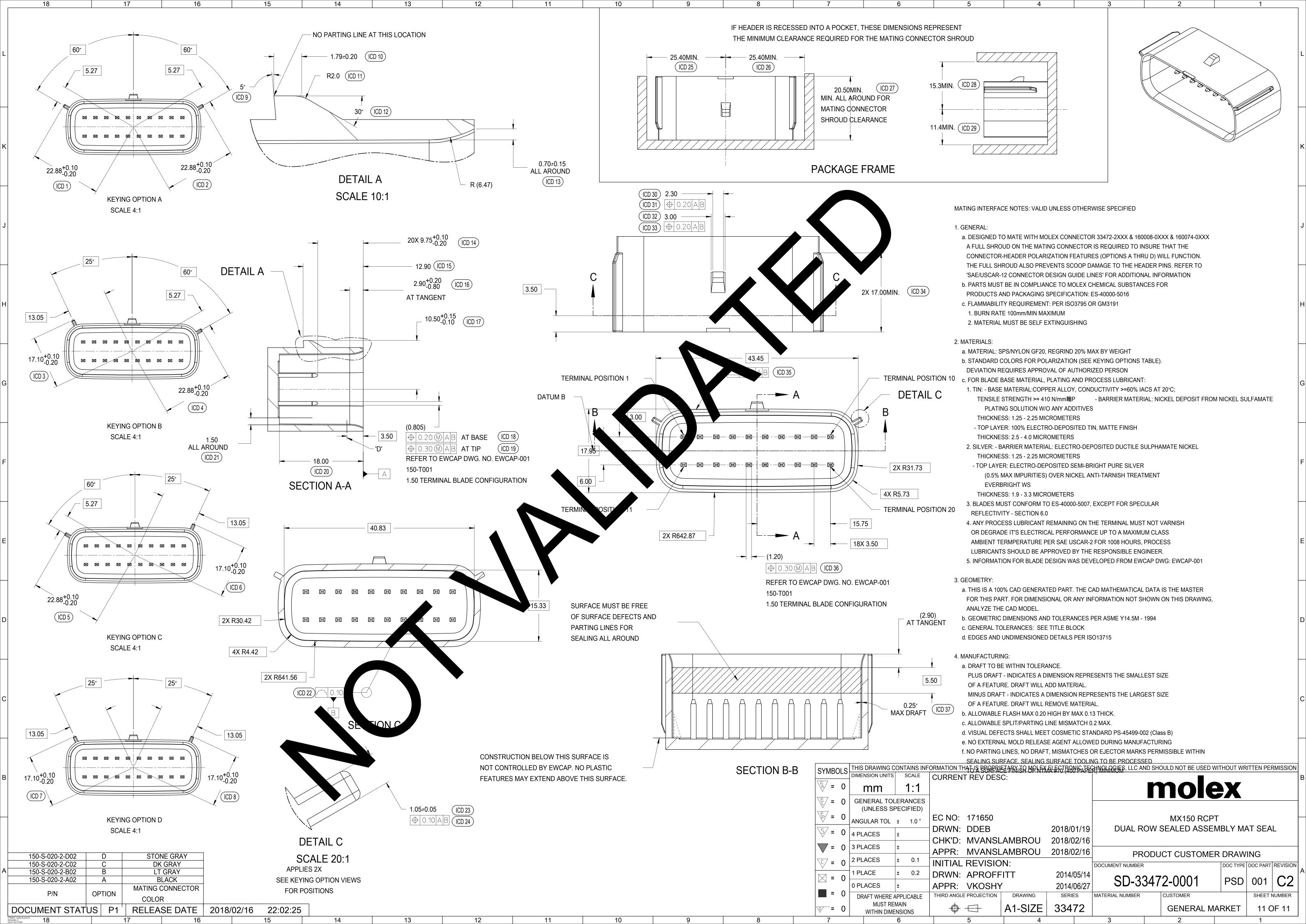




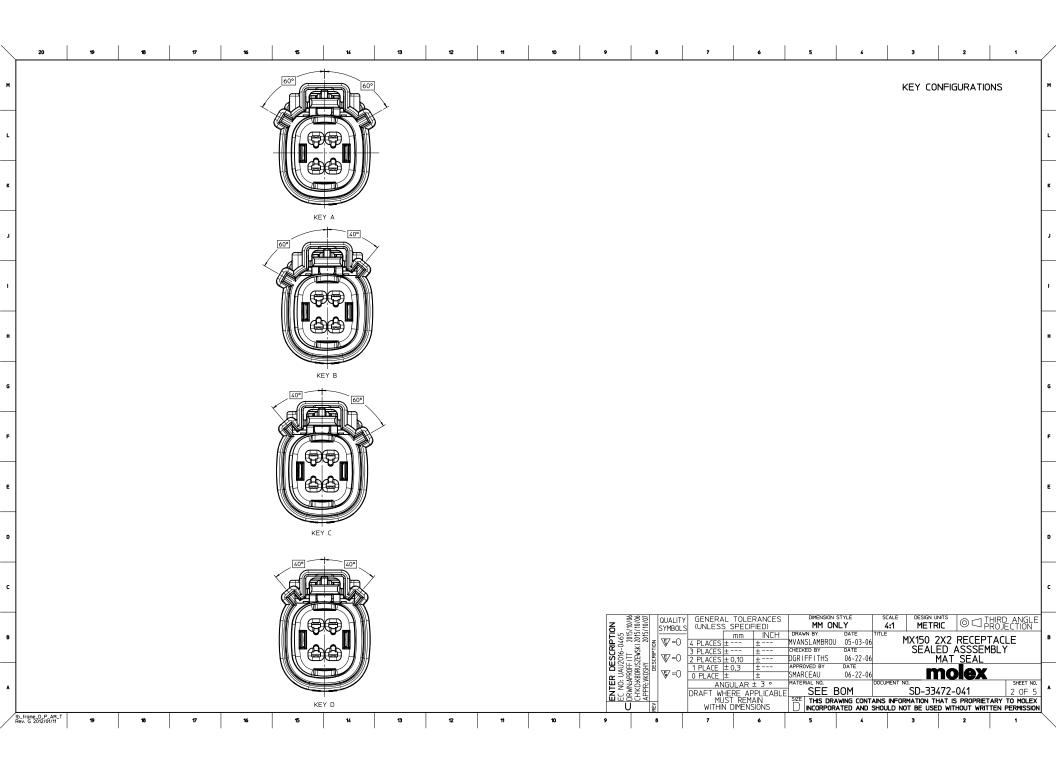


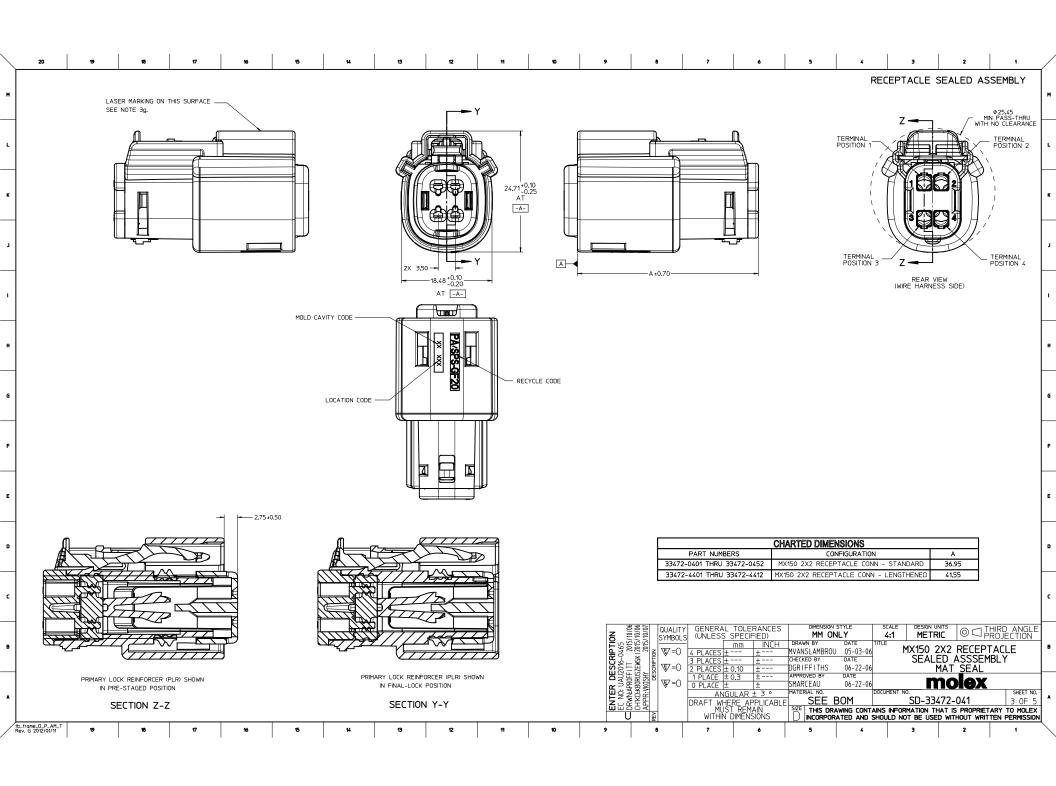




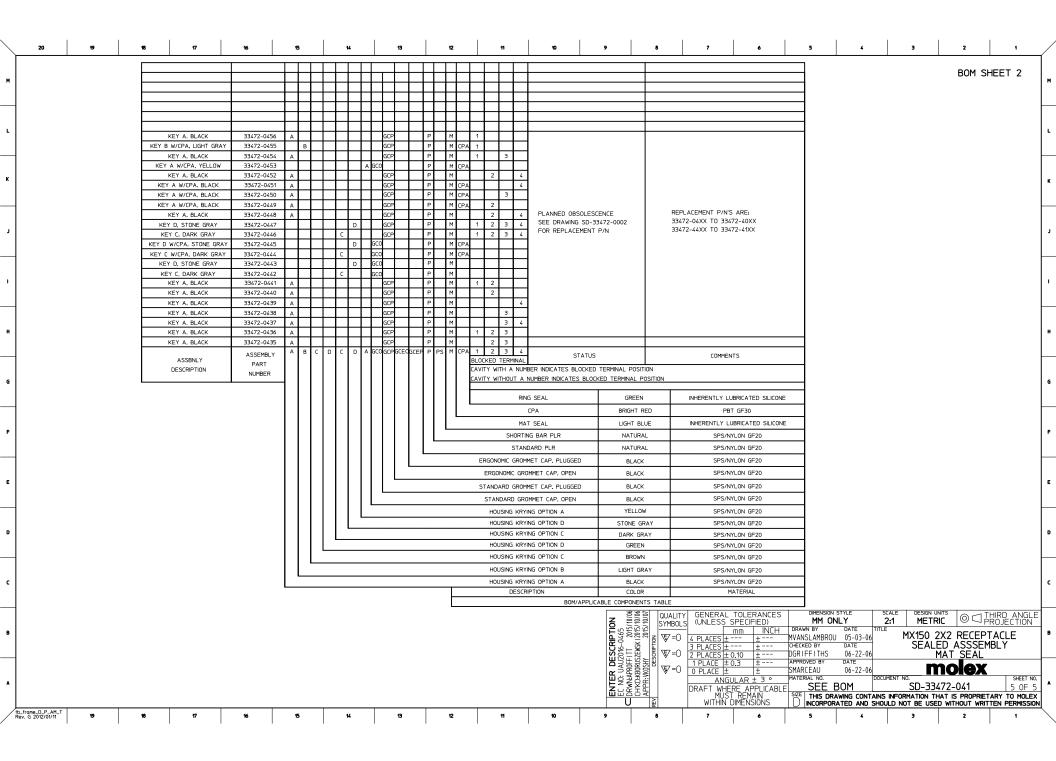


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н	TABLE OF CONTENTS SHEET NO. SHEET DESCRIPTION 1 NOTES 2 KEY CONFIGURATIONS	NOTES: VALID UNLESS OTHERWISE SPECIFIED 1. GENERAL: 2. APPLICATION SPECIFICATION SEE: AS-33472-100
—	3 RECEPTACLE SEALED ASSEMBLY 4 BOM	1. GENERAL: 1. GENERAL: 1. GENERAL: 1. GENERAL: 1. GENERAL: 2. APPLICATION SPECIFICATION SEE: AS-33472-100 CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONTINUITY CONNECTION ASSEMBLY, PACKAGING INFORMATION CONTINUITY CHECKING, CIMPPING, AND TROUBLESHOTOTH CONTINUITY CHECKING, CIMPPING, AND TROUBLESHOTOTH OF SECIFIED IN DRAWING EWICAP 150.5-004.2-202, AVAILIBLE AT 4 THISP/ewcapusecritems.org/> 1. DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33482-045 EVALUATION ASSEMBLY AS SPECIFIED IN DRAWING SD-33482-045 EVALUATION CONTINUITY OF SEALED ASSEMBLY THIS ASSEMBLY. 2. SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 14 mm TO 2.69 mm.
к		SD-33482-041 FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE HOLEK DRAWING SD-33012-002 -SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.4 mm TO 2.69 mmSYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.4 mm TO 2.69 mmSYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.4 mm TO 2.69 mmSYSTEM TO SEE SECTION AND CFD IN PRE-LOCK POSITION. SEE SECTION 2.7 PRE-LOCKIN THE EVENT THAT THE PLY IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT WWW.mOlex.com -INTITUT/WWW.mOlex.com -INTITUT/WWW.mOlex.comASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: ENGAGEMENT, FORKE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN
, 	GROMMER CAP, STANDARD (GC) FOR OPTIONS SEE BOM CPA OPTIONAL SEE BOM	PASSED BY FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN BY COMMITTEE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN BY COMMITTEE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION 39 MM, 40M MAX TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEW YORS. PLR INESTRION FROM PRE-LOCK TO FINAL LOCK WITH TERMINALS SHALL NOT EXCEED 90N. PLR REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 90N. PLR REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 90N.
, 	CONNECTOR HOUSING FOR OPTIONS SEE BOM	ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNHATED: 40N MIN. DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NO FROM PROBLEM P
H	MAT SEAL——PRIMARY LOCKC REINFORCEMENT (PLR)	2. DESIGN - MATERIALS; g. HOUSING, GROWHET (AP, PLR: SPS/NYLON BLEND, 20% GLASS FILLED b. RING SEAL, HAT SEAL; INHERENTLY LUBRICATED SILICONE c. CPA: PBT, 20% GLASS FILLED
6		3. DESIGN - GEOMETRY: 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 AD MODEL. b. GEOMER IC. DIMENSIONAL OF TERRANCE FER ASHE YILLIAM - 1994 C. GEOMER IC. DIMENSIONAL OF TERRANCE FER ASHE YILLIAM - 1994 G. GENERS SHOWN AS SHARP TO BE R 0.2 MAX. c. LETTERING SHOWN AS SHARP TO BE R 0.2 MAX. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE. CAVITY ID. VENDOR IDENTIFICATION, AND CUSTONER MATERIAL NUMBER.
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E	GROMMER CAP, LENGTHENED (GCL) FOR OPTIONS SEE BOM	
D		U UPDATED STATUS AND COMMENTS COLUMNS 17 FIX TYPO ON RING SEAL COLOR 16 UPDATE 33472-4405 THRU 33472-4412 CAP INSPECTION NUMBER LOG 15 ADD NEW P/N 33472-0455 33472-0456 LAST NUMBER LISED. 14 UPDATE THE BOM TO THE LATEST TEMPLATE 19 THE LATEST NUMBER LISED.
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*	MX150 2X2 RECEPTACLE SEALED ASSEMBLY - LENGTHENED UNLESS COMPONENT NOTED, SEE STANDARD ASSEMBLY	SYMBOLS SPECIFIED) WHO NLY A PLACES \$
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Mouser Electronics

Authorized Distributor

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Molex:

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