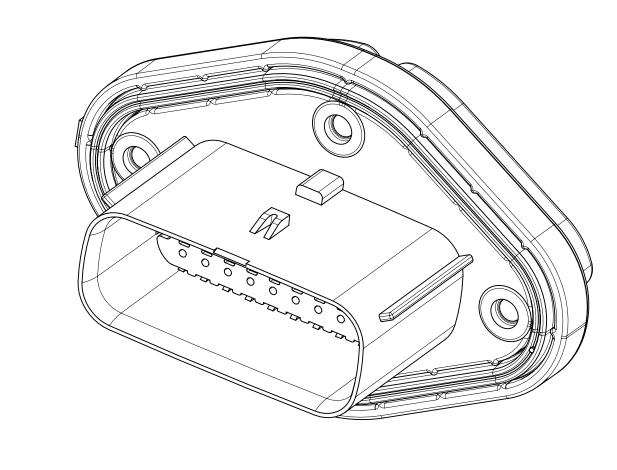
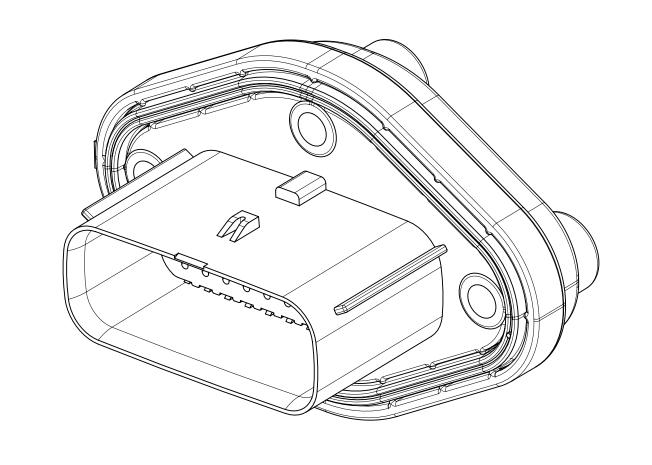
TABLE OF CONTENTS									
SHEET NO.	SHEET DESCRIPTION								
1	NOTES AND VIEW								
2	BOM-BUSHING VERSION								
3	BOM-SELF-TAPPING SCREW VERSION								
4	KEY CONFIGURATIONS								
5	DETAIL VIEWS AND SECTIONS - BUSHING VERSION								
6	DETAIL VIEWS AND SECTIONS - SELF-TAPPING SCREW VERSION								
7	PANEL MOUNT INTERFACE								
8	PANEL MOUNT INTERFACE								
9	PANEL MOUNT INTERFACE								







4 BUSHING VERSION

## NOTES: VALID UNLESS OTHERWISE SPECIFIED

#### 1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: 2144680001-AS
- b. PRODUCT SPECIFICATION SEE: 2144680001-PS
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: BUSHING VERSION 2144680001-PK, SELF-TAPPING VERSION 2144680005-PK
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR
- PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

### 2. DESIGN

- a. SEE BOM TABLE FOR PART NUMBERS
- b. SHIPPED WITH TPA IN PRE-LOCK POSITION
- c. DESIGNED TO MATE WITH MX150 RECEPTACLE CONNECTOR ASSEMBLY
- d. FOR ESSENTIAL PARTS (TERMINALS, WIRES ETC.) AND INSTALLATION TO COMPLETE ASSEMBLY SEE MOLEX PRODUCT SPECIFICATION PS-33472-000
- e. FOR FULLY POPULATED CONNECTORS, MATE FORCE CAN EXCEED 75N

# 3. DESIGN - GEOMETRY:

- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
- b. THE 3-D CAD DATA IS MASTER FOR THIS PART AND IS TO BE USED TO ESTABLISH DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING. ANY DIMENSIONS UNDERLINED INDICATE A CONFLICT WITH THE MODEL.
- c. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
- d. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009.
- e. EDGES AND UNDIMENSIONED DETAILS PER ISO 13715
- f. CORNERS SHOWN AS SHARP TO R0.2 MAX

#### 4. DESIGN - MANUFACTURING:

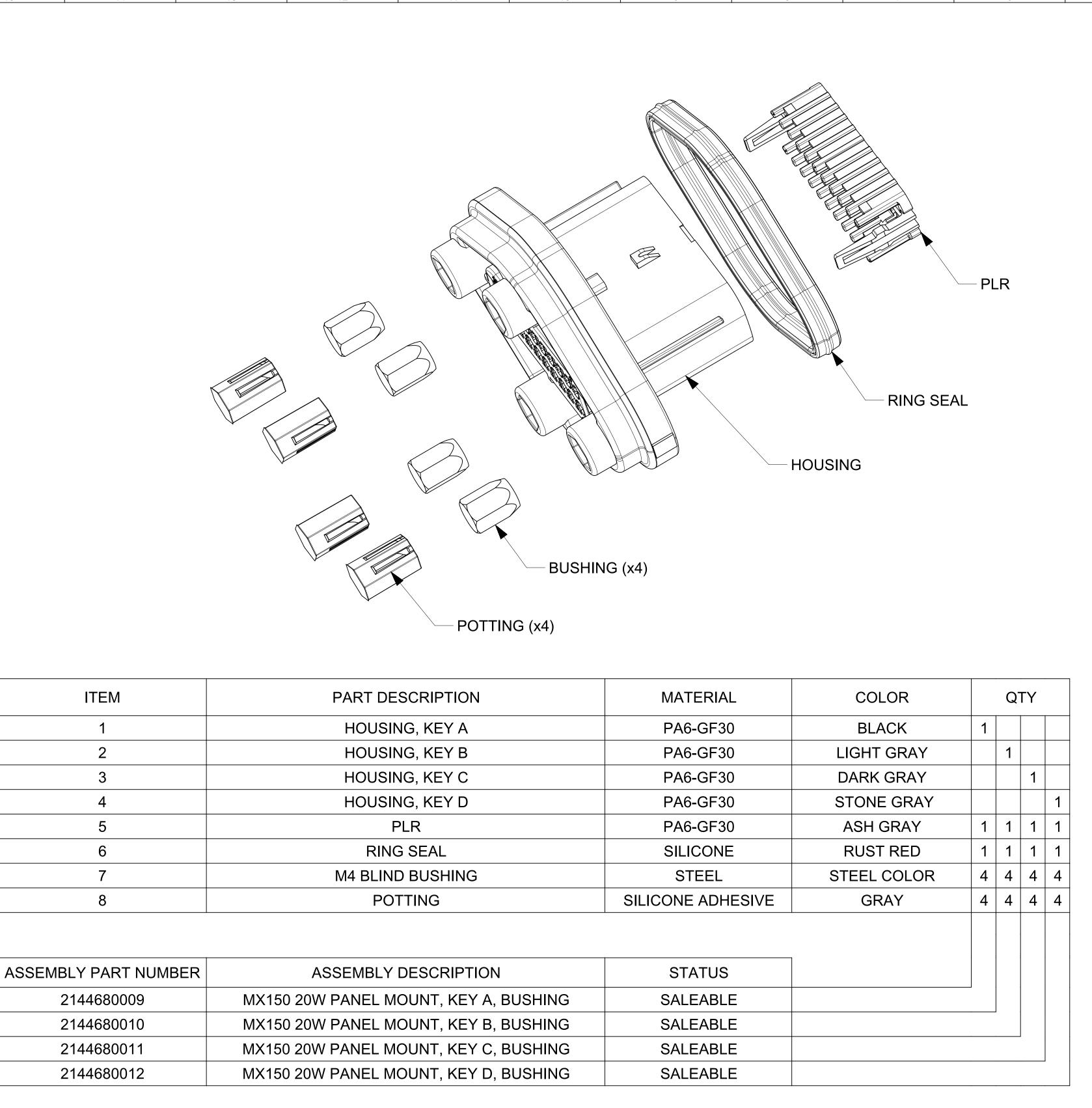
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (CLASS B)
- b. LASER MARKING:
- 1. PART NUMBER
- 2. DAY OF THE YEAR
- 3. SHIFT
- 4. YEAR

	NSPECTION BALLOON NUMBER LOG
L	PER DRAWING REVISION: B3 LAST BALLOON NUMBER USED: NONE ADDED BALLOON NUMBERS: NONE REMOVED BALLOON NUMBERS: NONE

В3	UPDATED BOLT INFORMATION FOR SELF-TAPPING VERSION
B2	MIGRATED DATA TO TC
B1	UPDATED PANEL MOUNT INTERFACE ON SHEET 8 & 9
В	UPDATED PANEL MOUNT INTERFACE TOLERANCES SHEET9
A6	ADDED INDIVIDUAL KEY INTERFACE ON PAGE 9
<b>A</b> 5	CHANGED DRAWING TYPE FORM RSD TO GENERAL MARKET, ADDED 2144680009 THRU 0012 AND SELF-TAPPING VERSION, UPDATED INTERFACE TO UNVERSIAL CUT OUT UPDATED BOLT DEFINITION TO ACCOMMODATE MULTIPLE INTERFACE THICKNESSES
A4	ADDED KEY C AND KEY D VIEW
A3	UPDATED INTERFACE OPTION TOLERANCES SHEET6 UPDATED RADII ON INTERFACE CUTOUT SHEET 6
A2	ADDED KEY B OPTION ADDED SHEET 7 PANEL INTERFACE KEY WAY CONFIGURATION
A1	ADDED NOTES TO SHEET 5 ADDED BOLT DEFINITION UPDATED PANEL MOUNT INTERFACE
Α	INITIAL RELEASE "OK TO TOOL"
REV	DESCRIPTION

CVMDOL		THIS DRAWING C	ONT	AINS INF	ORMATION	N THAT IS PROPRI	ETARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC AND SHO	OULD NOT BE USED WIT	HOUT W	RITTEN PE	.RMISSI		
SYMBOLS		DIMENSION UNITS		SCALE	CURRE	ENT REV DES	C:								
= (	0	mm	4	2:1						nole	X				
	0	GENERAL TOL (UNLESS SF							-						
= (	0	ANGULAR TOL	±	0.5 °	EC NO				MX150 20W PANEL MOUNT ASSY						
\S/ = 0		4 PLACES	±	0	DRWI	N: Xu Yang		30-Jun-2022							
- (	^	3 PLACES		0	CHK'[	D: Elvis So	ng	29-Sep-2022	2						
🖤 – (	۱		<u> </u>		APPR	R: Colin Zh	ang	29-Sep-2022	PROI	DUCT SALES DF	JCT SALES DRAWING				
<u></u>	0	2 PLACES	±	0.1	INITIA	AL REVISIO	N:		DOCUMENT NUMBER		DOC TYPE DOC PART REVI				
		1 PLACE	±	0.2	DRWI	N: WKHE			044404	20004					
		0 PLACES	±	0	APPR	<b>R</b> :			214468	30001	PSD	000	B		
🔳 = 0		DRAFT WHERE A	APPL	ICABLE	THIRD AN	IGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET	NUMBE		
<u></u>	0	MUST REMAIN WITHIN DIMENSIONS				) -	D-SIZE	214468	SEE BOM	GENERAL MA	RKET	10	OF 9		
	7			-				4	2						

DOCUMENT STATUS Approved RELEASE DATE 29-Sep-2022 11:04:41

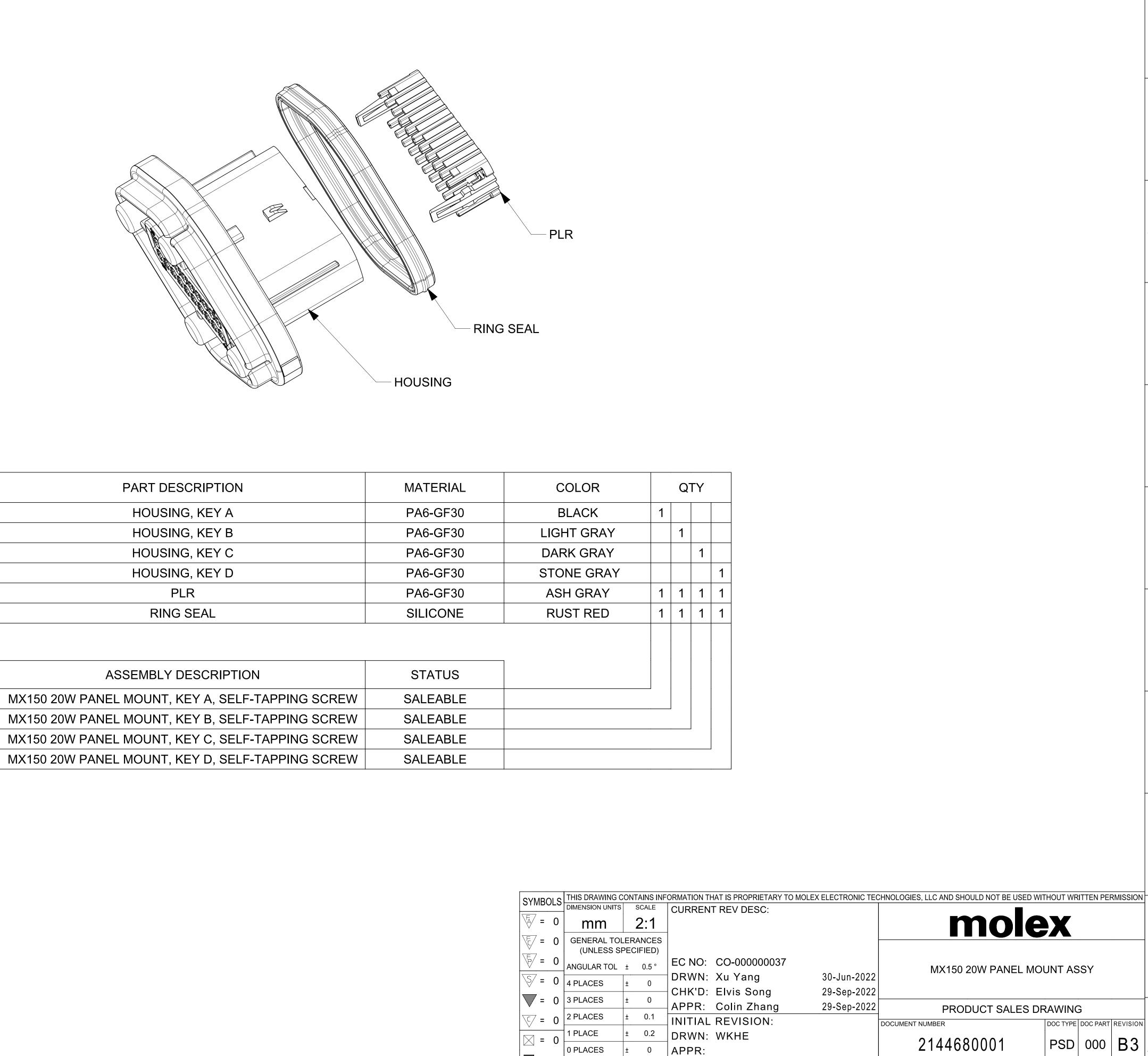


SYMB	OLS							O MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC	AND SHO	OULD NOT BE USED WIT	HOUT WE	RITTEN PER	RMISSION
		DIMENSION UNIT	S	SCALE	CURREN	T REV DES	C:				_				
=	0	mm		2:1							n	noie	X		
=	0	GENERAL TO													
=	0	ANGULAR TOL	±	0.5 °	EC NO:	CO-00000	00037			M	X150 2	20W PANEL MOU	SSY		
\ <u>\</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0	4 PLACES	±	0		Xu Yang			30-Jun-2022		, (100 2				
<i>-</i>	0	3 PLACES	1_	0	CHK'D:	Elvis So	ng		29-Sep-2022						
=	U	3 PLACES	ļ <u>-</u>		APPR: Colin Zhang				29-Sep-2022		PRODUCT SALES DRAWING				
<u>C</u> =	0	2 PLACES	±	0.1	INITIAL REVISION:				· · · · · · · · · · · · · · · · · · ·	DOCUMENT NUMBER DOC TYPE DOC PART REVISION					REVISION
× =	0	1 PLACE	±	0.2	DRWN:										
		0 PLACES	±	0	APPR:					212	4468	80001	PSD	000	B3
= =	0	DRAFT WHERE	APPL	ICABLE	THIRD ANGL	THIRD ANGLE PROJECTION DRAWING SERIES MATERIAL NUMBER		BER CUSTOMER SHEET NU			NUMBER				
<u></u>	0	MUST F WITHIN DIN					D-S	SIZE	214468	SEE BOM	1	GENERAL MAR	RKET	2 0	OF 9
	7	7 6				5			4	3		2		1	

DOCUMENT STATUS | Approved | RELEASE DATE | 29-Sep-2022 | 11:04:41

SHEET DESCRIPTION

BOM-BUSHING VERSION



DOCUMENT STATUS | Approved | RELEASE DATE | 29-Sep-2022 11:04:41

18

SHEET DESCRIPTION

BOM-SELF-TAPPING SCREW VERSION

ITEM

ASSEMBLY PART NUMBER

2144680005

2144680006

2144680007

2144680008

DRAFT WHERE APPLICABLE

THIRD ANGLE PROJECTION

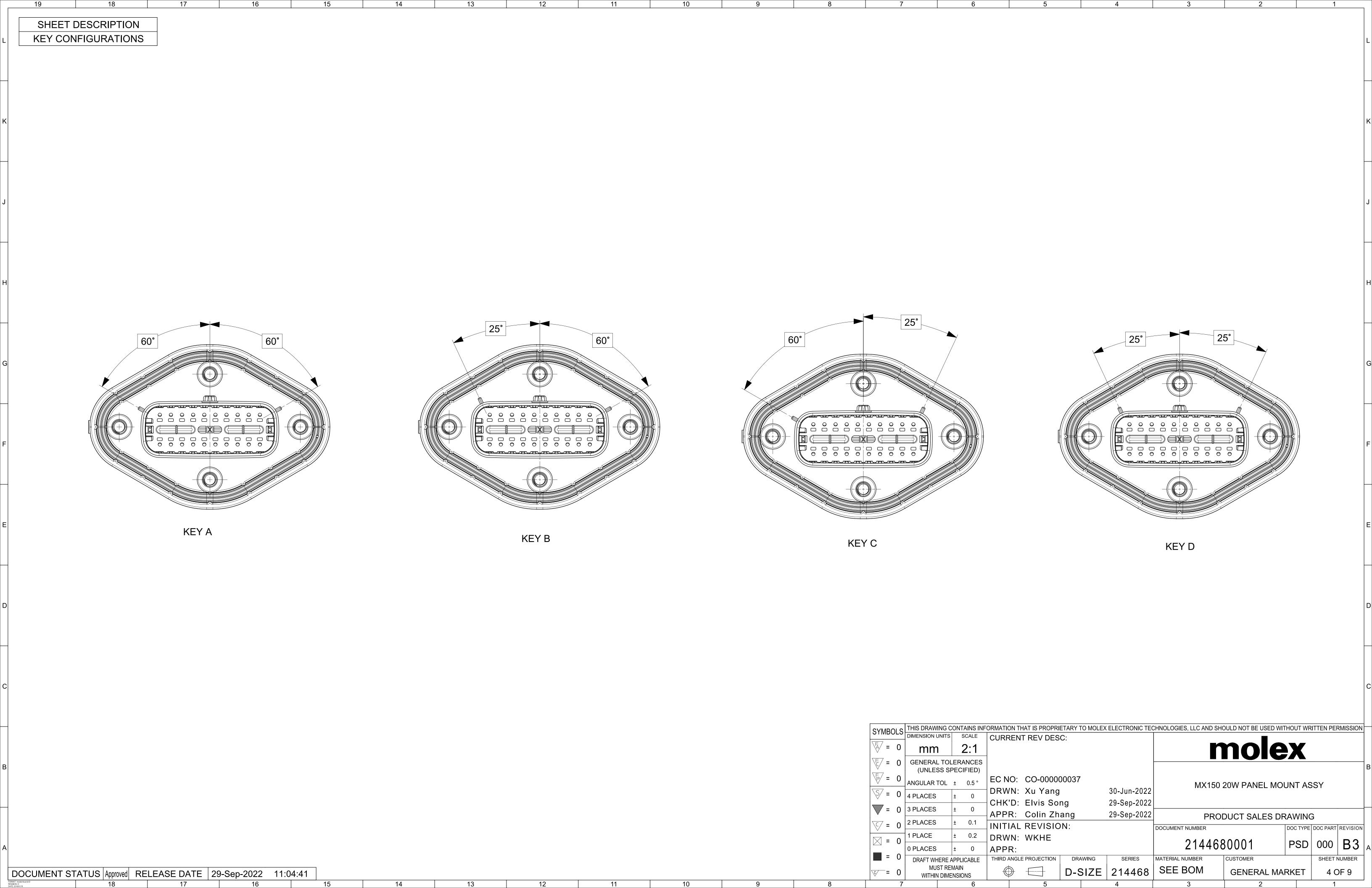
D-SIZE 214468 SEE BOM

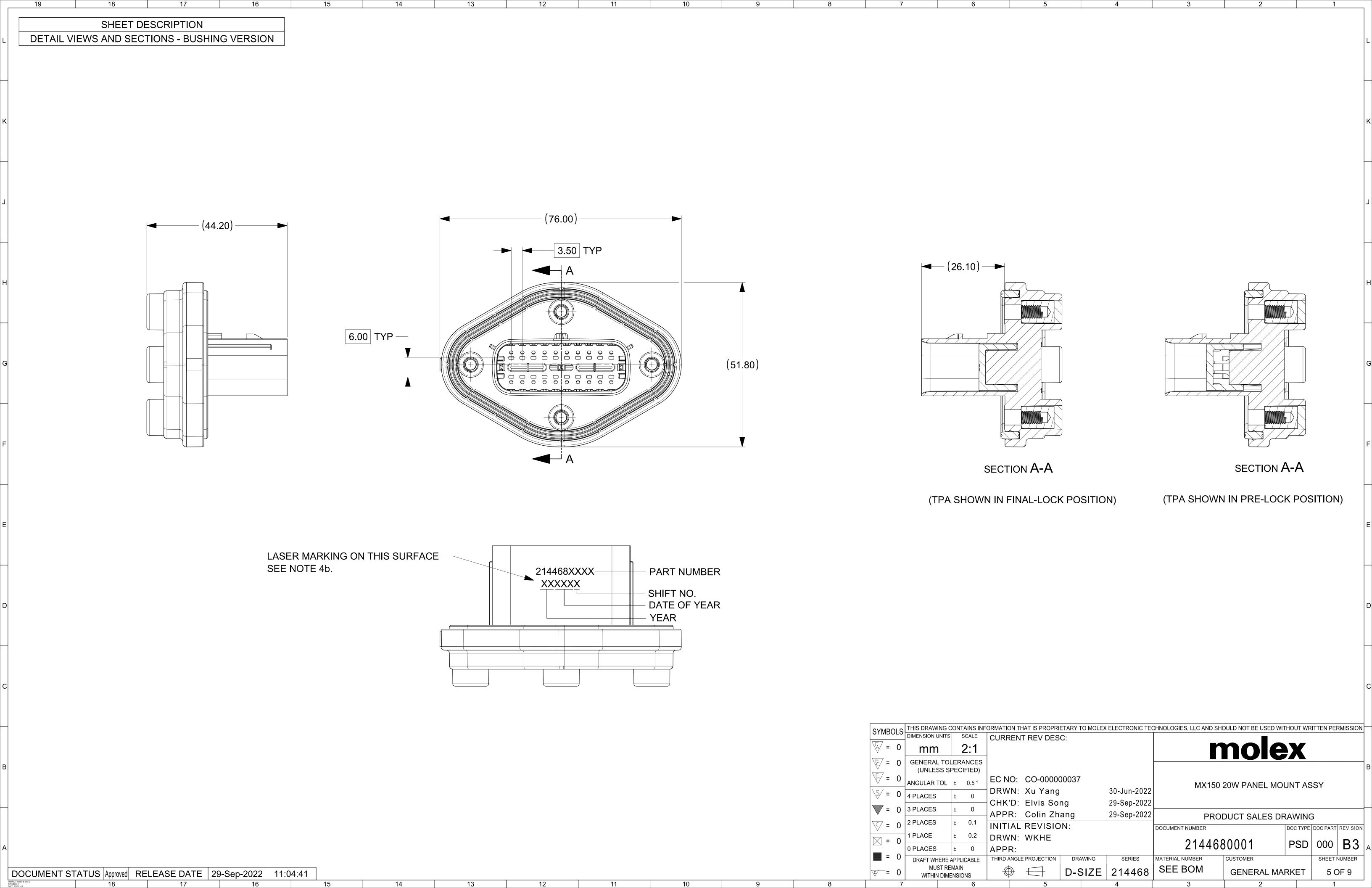
MATERIAL NUMBER CUSTOMER **GENERAL MARKET** 

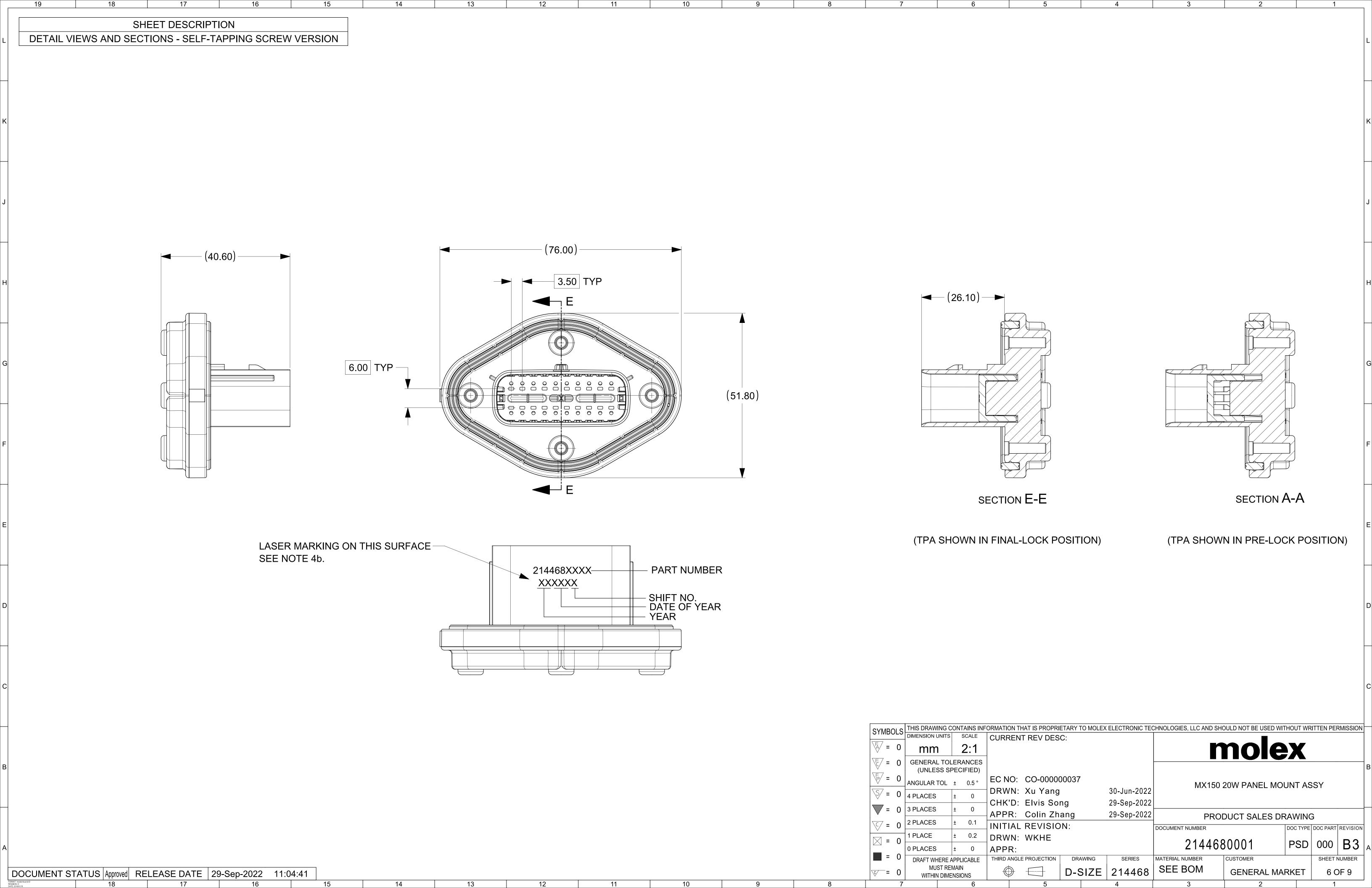
PSD 000 B3 A SHEET NUMBER

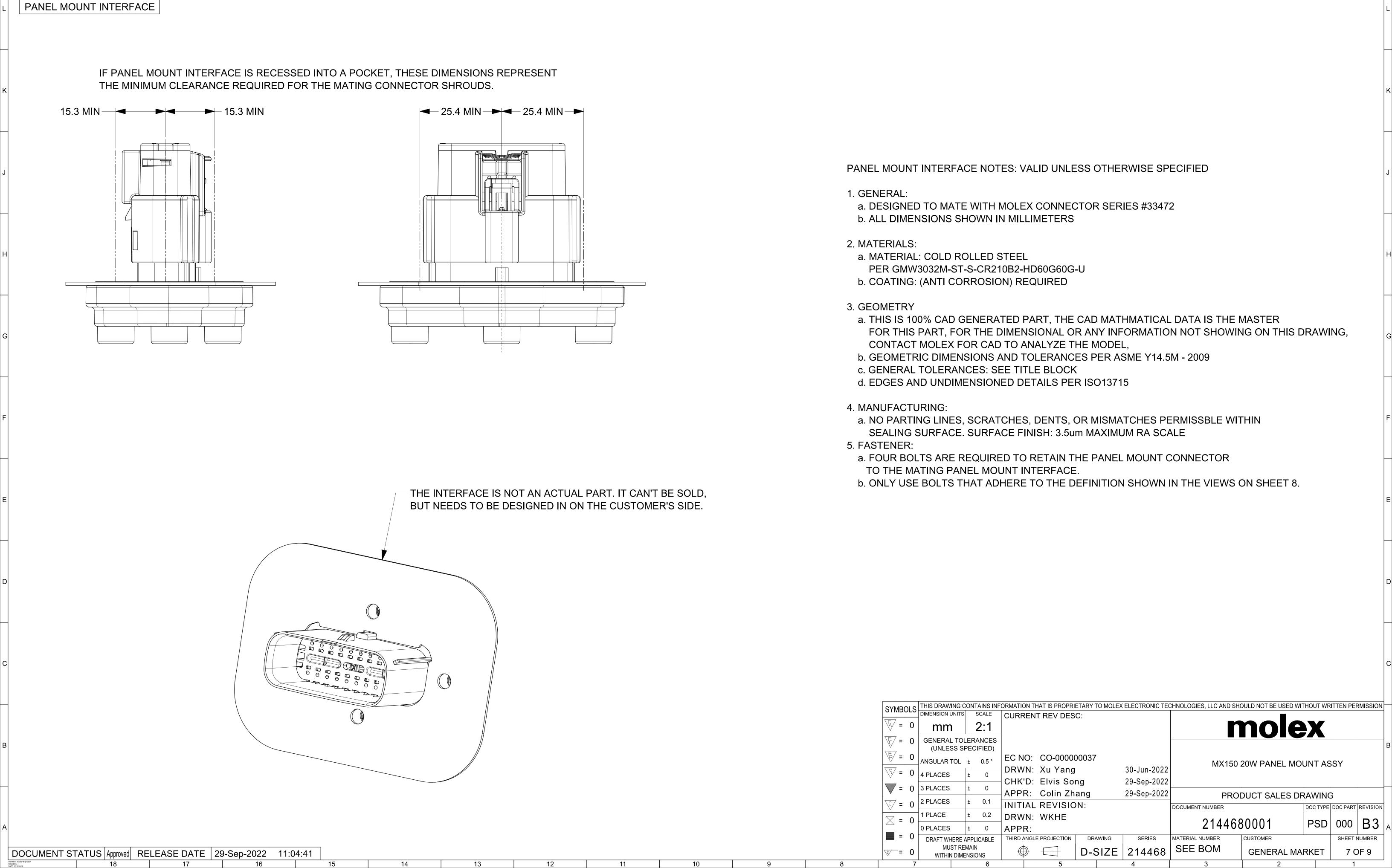
DOC TYPE DOC PART REVISION

3 OF 9









SHEET DESCRIPTION

