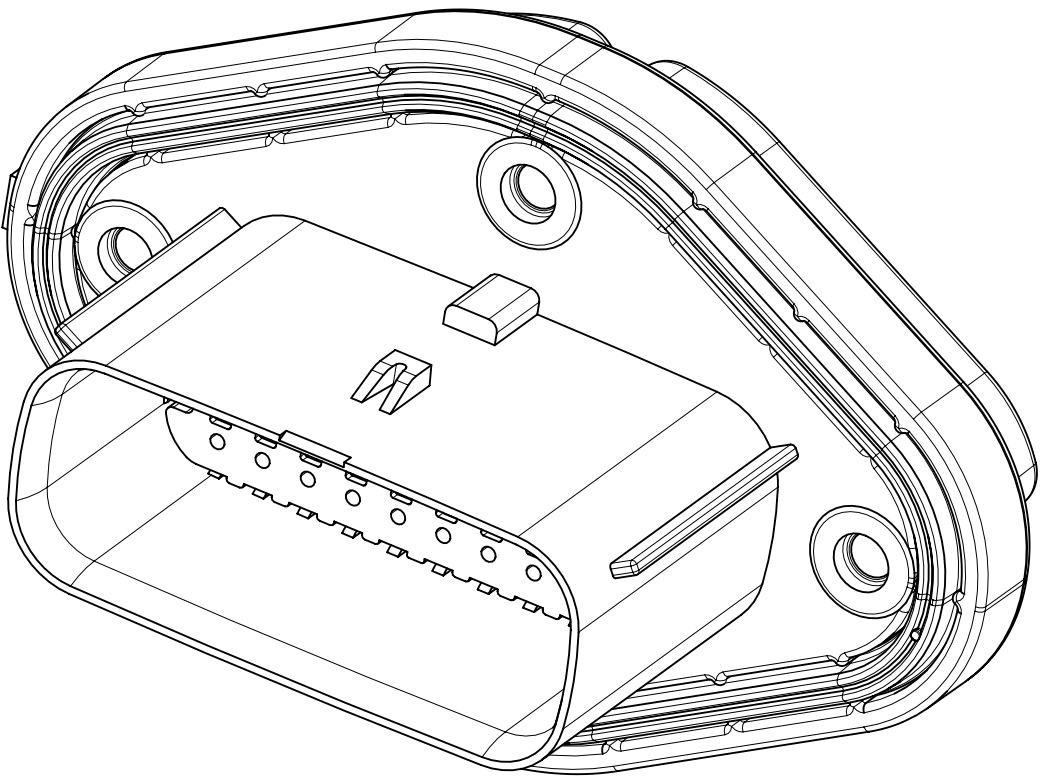
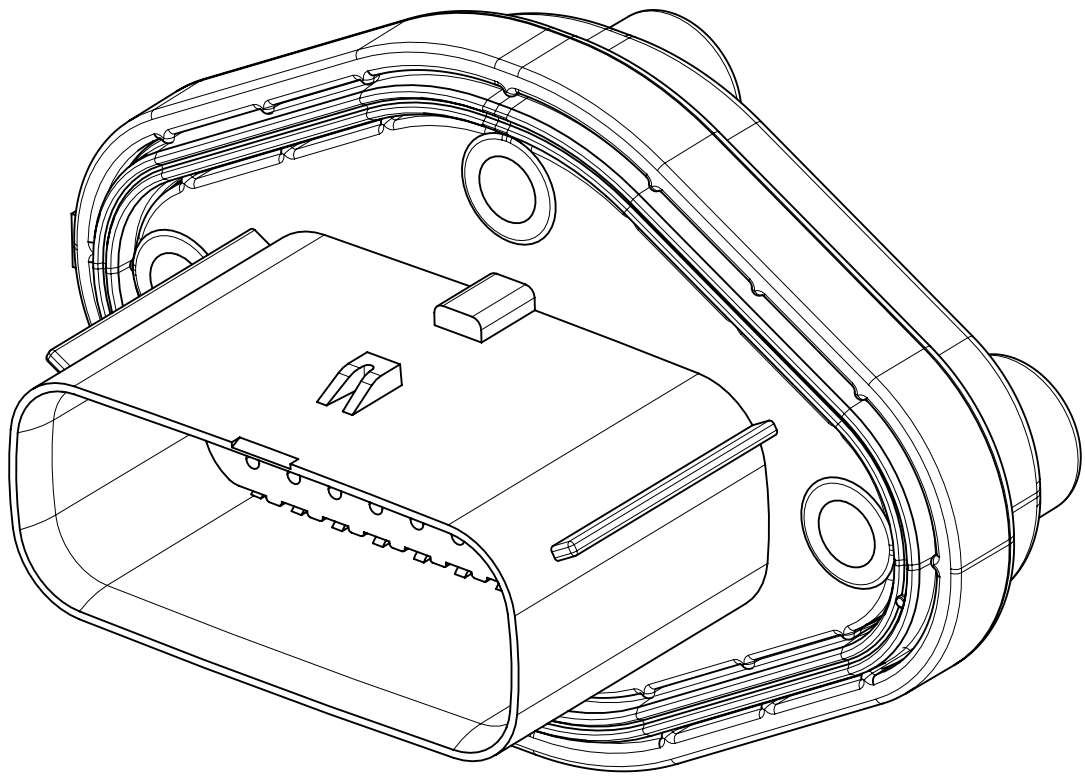


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND VIEW
2	BOM-BUSHING VERSION
3	BOM-SELF-TAPPING SCREW VERSION
4	KEY CONFIGURATIONS
5	DETAIL VIEWS AND SECTIONS - BUSHING VERSION
6	DETAIL VIEWS AND SECTIONS - SELF-TAPPING SCREW VERSION
7	PANEL MOUNT INTERFACE
8	PANEL MOUNT INTERFACE
9	PANEL MOUNT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



SELF-TAPPING VERSION



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

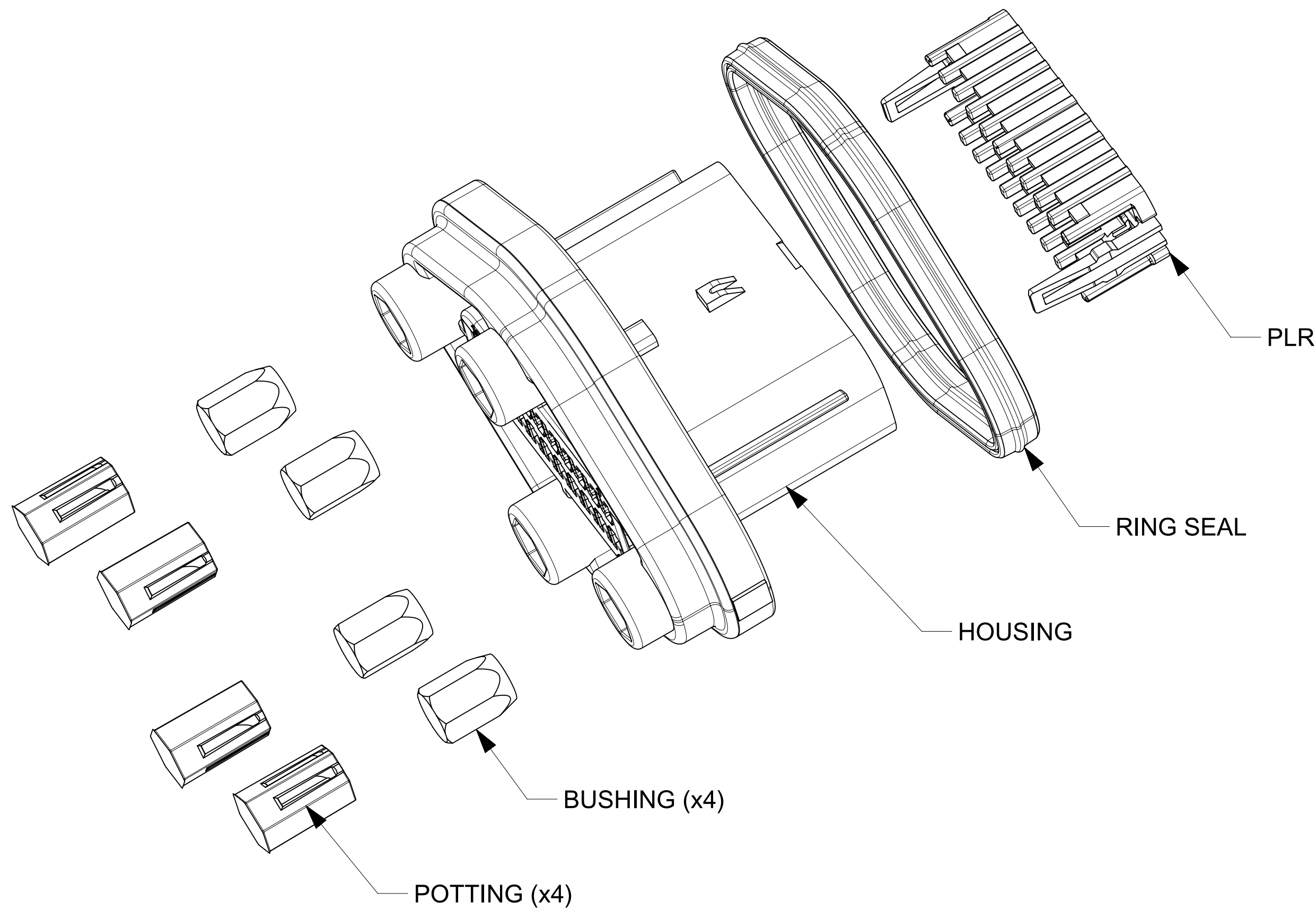
B3	UPDATED BOLT INFORMATION FOR SELF-TAPPING VERSION
B2	MIGRATED DATA TO TC
B1	UPDATED PANEL MOUNT INTERFACE ON SHEET 8 & 9
B	UPDATED PANEL MOUNT INTERFACE TOLERANCES SHEET9
A6	ADDED INDIVIDUAL KEY INTERFACE ON PAGE 9
A5	CHANGED DRAWING TYPE FORM RSD TO GENERAL MARKET, ADDED 2144680009 THRU 0012 AND 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
A	INITIAL RELEASE "OK TO TOOL"
REV	DESCRIPTION

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:			molex		
	mm		2:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 0.5 °									
	4 PLACES		± 0					MX150 20W PANEL MOUNT ASSY		
	3 PLACES		± 0							
	2 PLACES		± 0.1							
	1 PLACE		± 0.2							
	0 PLACES		± 0		INITIAL REVISION:			PRODUCT SALES DRAWING		
	DRWN: WKHE		DOCUMENT NUMBER			DOC TYPE	DOC PART			
APPR:		THIRD ANGLE PROJECTION			DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				D-SIZE	214468	SEE BOM	GENERAL MARKET		1 OF 9	

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

DOCUMENT STATUS	Approved	RELEASE DATE	29-Sep-2022 11:04:41
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SHEET DESCRIPTION
BOM-BUSHING VERSION



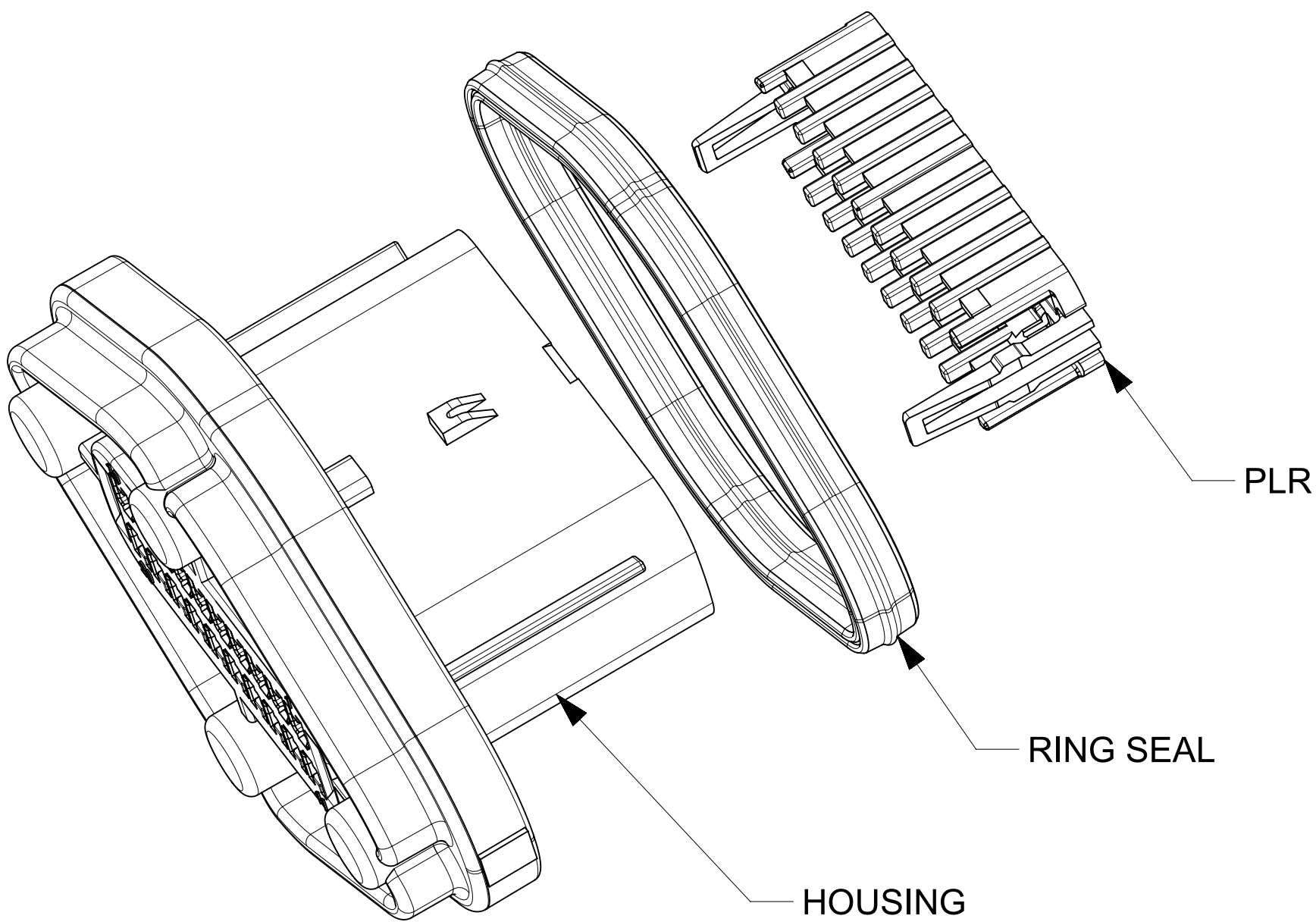
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1	HOUSING, KEY A	PA6-GF30	BLACK	1			
2	HOUSING, KEY B	PA6-GF30	LIGHT GRAY		1		
3	HOUSING, KEY C	PA6-GF30	DARK GRAY			1	
4	HOUSING, KEY D	PA6-GF30	STONE GRAY				1
5	PLR	PA6-GF30	ASH GRAY	1	1	1	1
6	RING SEAL	SILICONE	RUST RED	1	1	1	1
7	M4 BLIND BUSHING	STEEL	STEEL COLOR	4	4	4	4
8	POTTING	SILICONE ADHESIVE	GRAY	4	4	4	4

ASSEMBLY PART NUMBER	ASSEMBLY DESCRIPTION	STATUS	
2144680009	MX150 20W PANEL MOUNT, KEY A, BUSHING	SALEABLE	
2144680010	MX150 20W PANEL MOUNT, KEY B, BUSHING	SALEABLE	
2144680011	MX150 20W PANEL MOUNT, KEY C, BUSHING	SALEABLE	
2144680012	MX150 20W PANEL MOUNT, KEY D, BUSHING	SALEABLE	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
SYMBOLS		DIMENSION UNITS	SCALE	CURRENT REV DESC:			molex MX150 20W PANEL MOUNT ASSY						
	= 0	mm	2:1	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	= 0	ANGULAR TOL ± 0.5 °											
	= 0												
	= 0	4 PLACES	± 0	EC NO: CO-000000037			PRODUCT SALES DRAWING						
	= 0	3 PLACES	± 0	DRWN: Xu Yang 30-Jun-2022									
	= 0	2 PLACES	± 0.1	CHK'D: Elvis Song 29-Sep-2022									
	= 0	1 PLACE	± 0.2	APPR: Colin Zhang 29-Sep-2022			DOCUMENT NUMBER 2144680001						
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	= 0	0 PLACES	± 0	APPR:			SHEET NUMBER 2 OF 9						
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING D-SIZE					SERIES 214468	MATERIAL NUMBER SEE BOM	CUSTOMER GENERAL MARKET
	= 0												

DOCUMENT STATUS	Approved	RELEASE DATE	29-Sep-2022	11:04:41
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SHEET DESCRIPTION
BOM-SELF-TAPPING SCREW VERSION



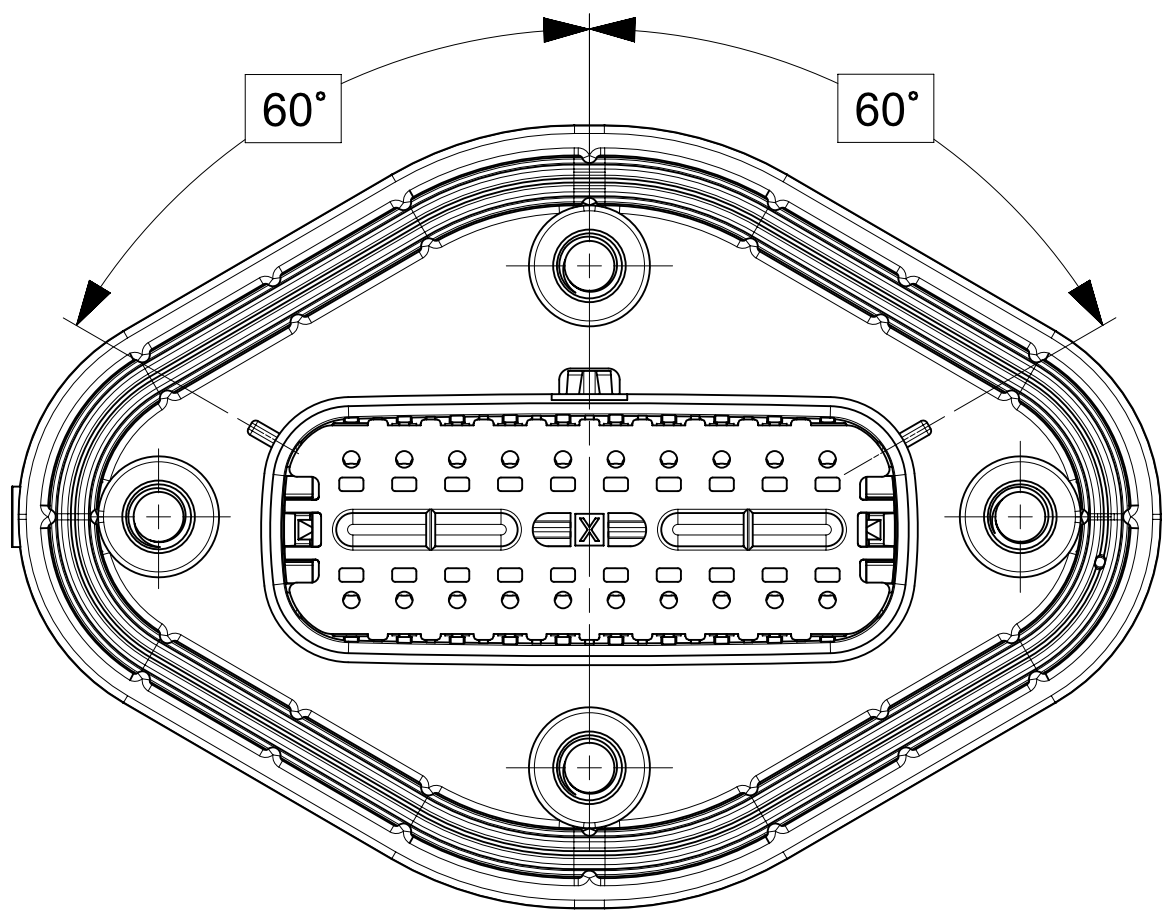
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2	HOUSING, KEY B	PA6-GF30	LIGHT GRAY		1		
3	HOUSING, KEY C	PA6-GF30	DARK GRAY			1	
4	HOUSING, KEY D	PA6-GF30	STONE GRAY				1
5	PLR	PA6-GF30	ASH GRAY	1	1	1	1
6	RING SEAL	SILICONE	RUST RED	1	1	1	1

ASSEMBLY PART NUMBER	ASSEMBLY DESCRIPTION	STATUS	
2144680005	MX150 20W PANEL MOUNT, KEY A, SELF-TAPPING SCREW	SALEABLE	
2144680006	MX150 20W PANEL MOUNT, KEY B, SELF-TAPPING SCREW	SALEABLE	
2144680007	MX150 20W PANEL MOUNT, KEY C, SELF-TAPPING SCREW	SALEABLE	
2144680008	MX150 20W PANEL MOUNT, KEY D, SELF-TAPPING SCREW	SALEABLE	

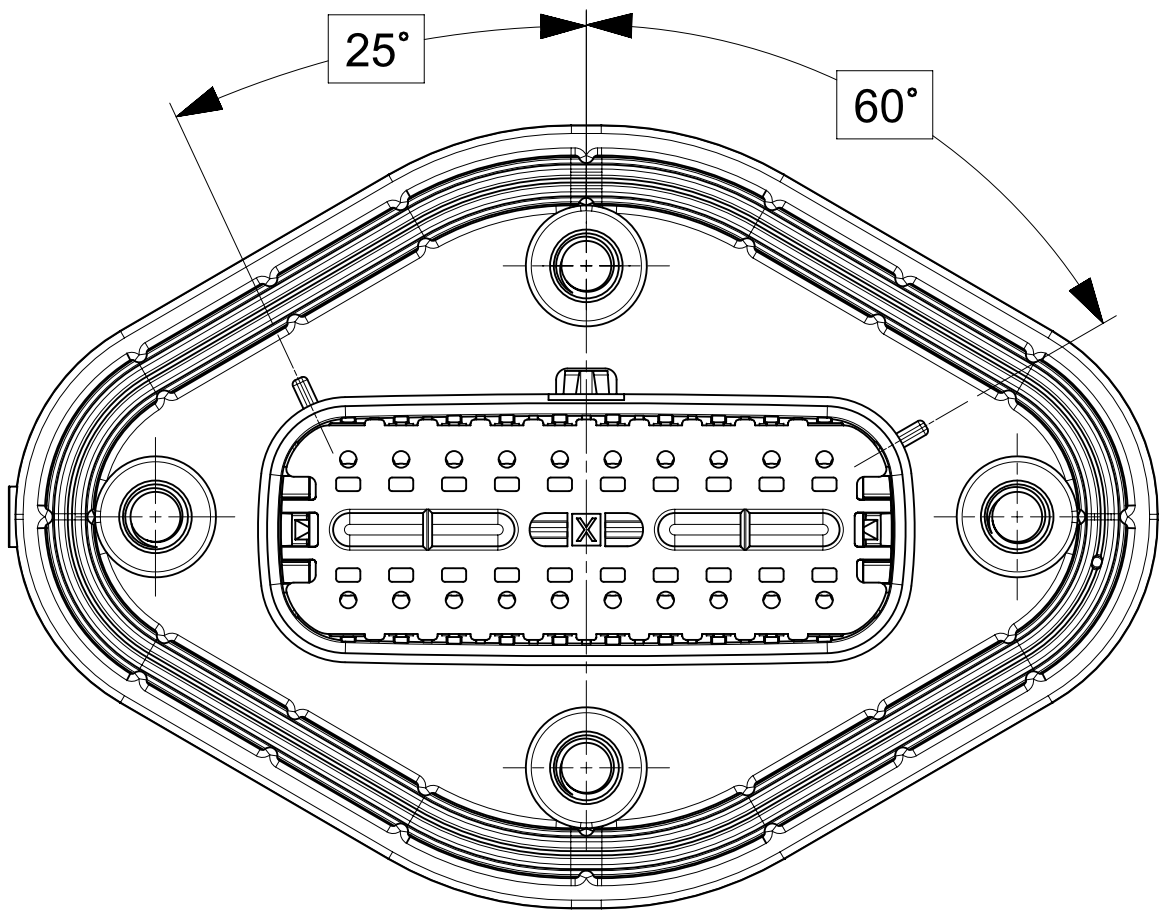
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DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: CO-000000037 DRWN: Xu Yang 30-Jun-2022 CHK'D: Elvis Song 29-Sep-2022 APPR: Colin Zhang 29-Sep-2022				molex MX150 20W PANEL MOUNT ASSY									
mm		2:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT SALES DRAWING															
ANGULAR TOL ± 0.5 °		DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION					
4 PLACES ± 0		2144680001						PSD		000		B3					
3 PLACES ± 0		INITIAL REVISION:		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
2 PLACES ± 0.1		DRWN: WKHE															
1 PLACE ± 0.2		APPR:															
0 PLACES ± 0		D-SIZE		214468		SEE BOM		GENERAL MARKET		3 OF 9							

DOCUMENT STATUS	Approved	RELEASE DATE	29-Sep-2022	11:04:41
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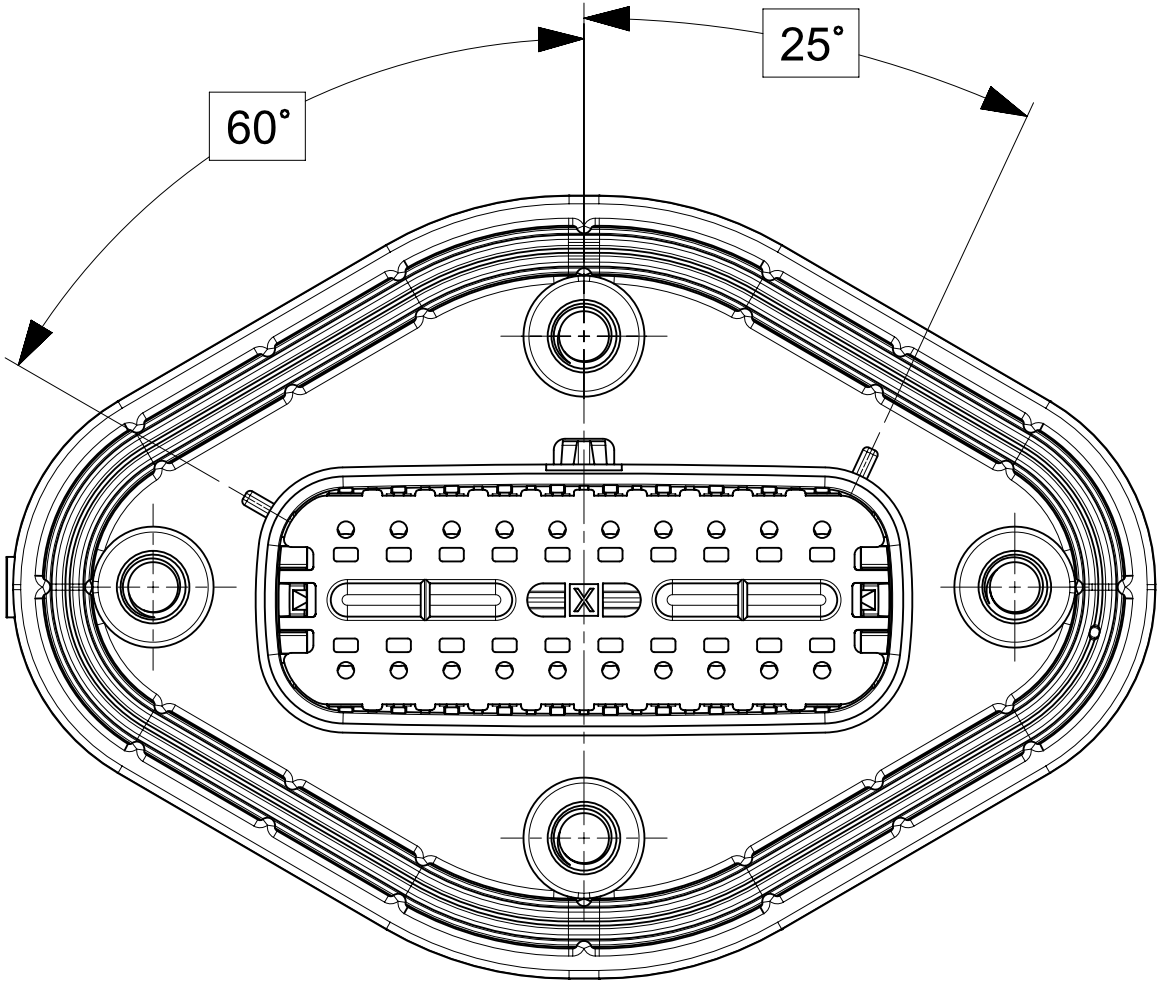
SHEET DESCRIPTION
KEY CONFIGURATIONS



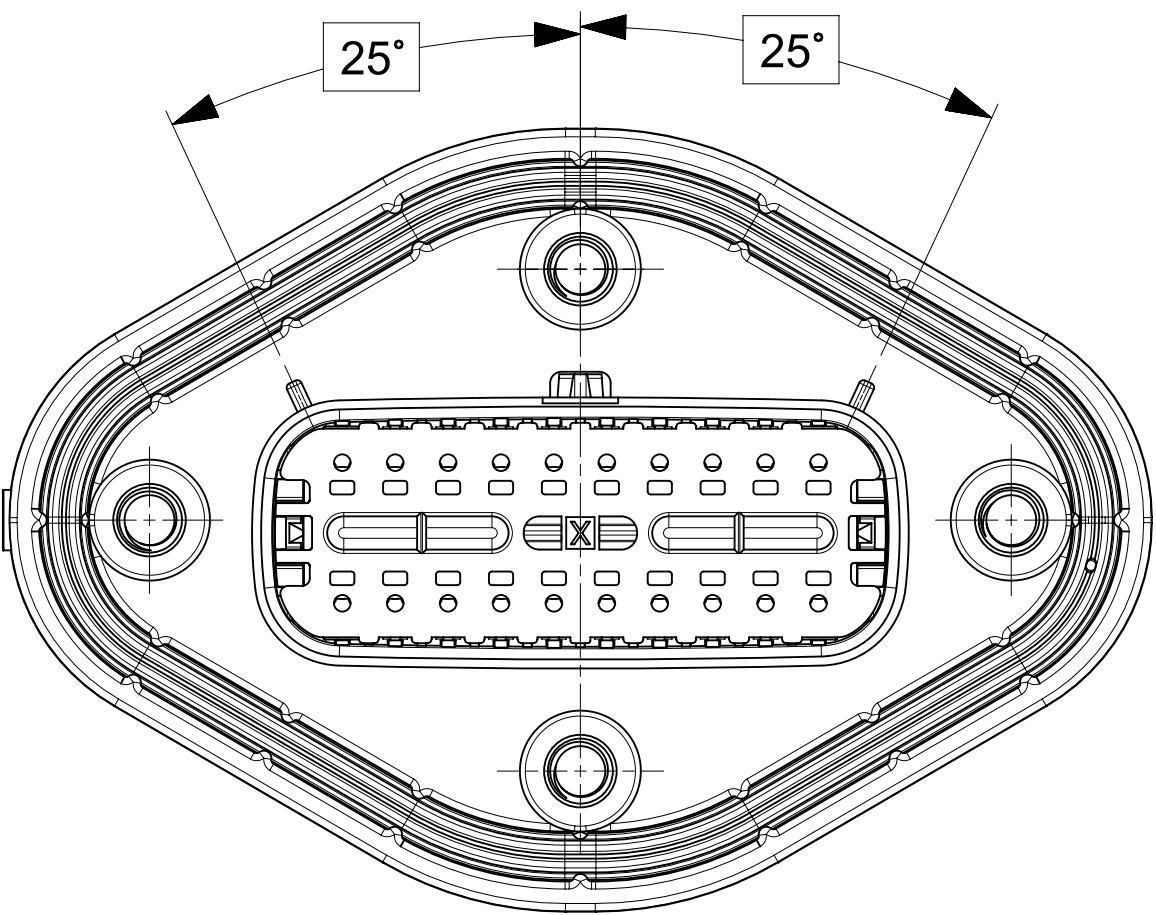
KEY A



KEY B



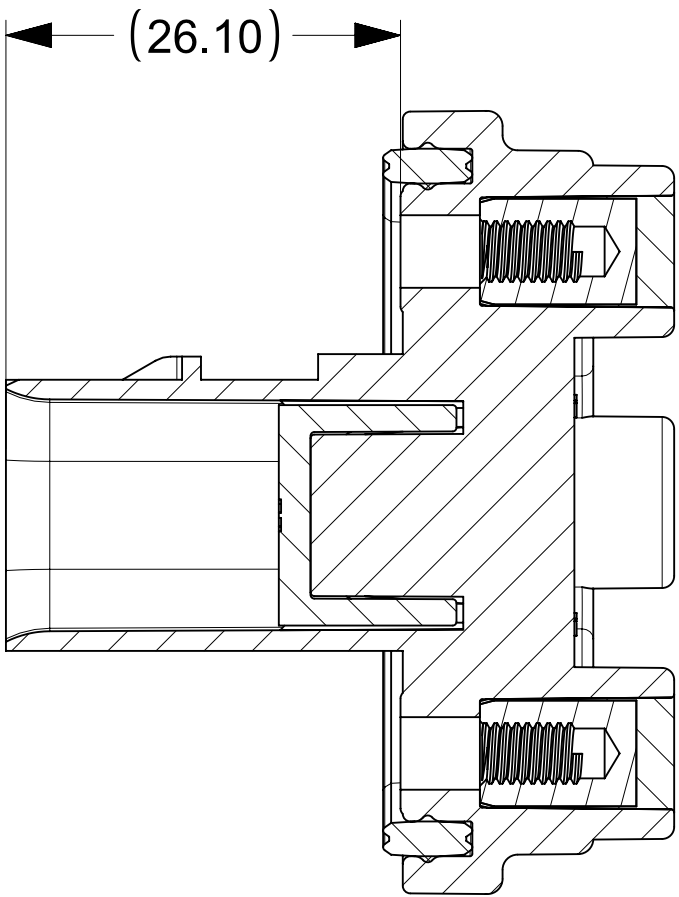
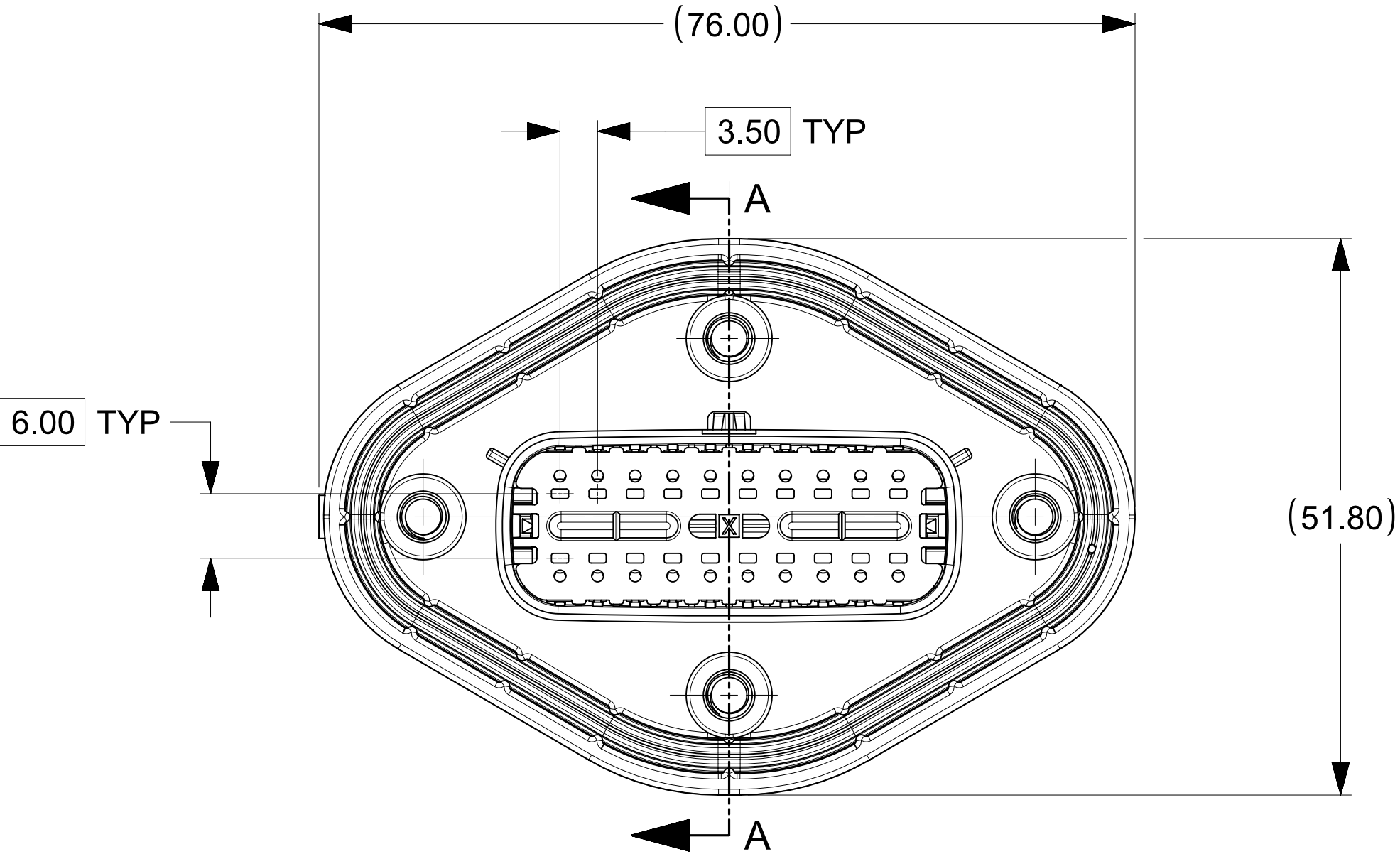
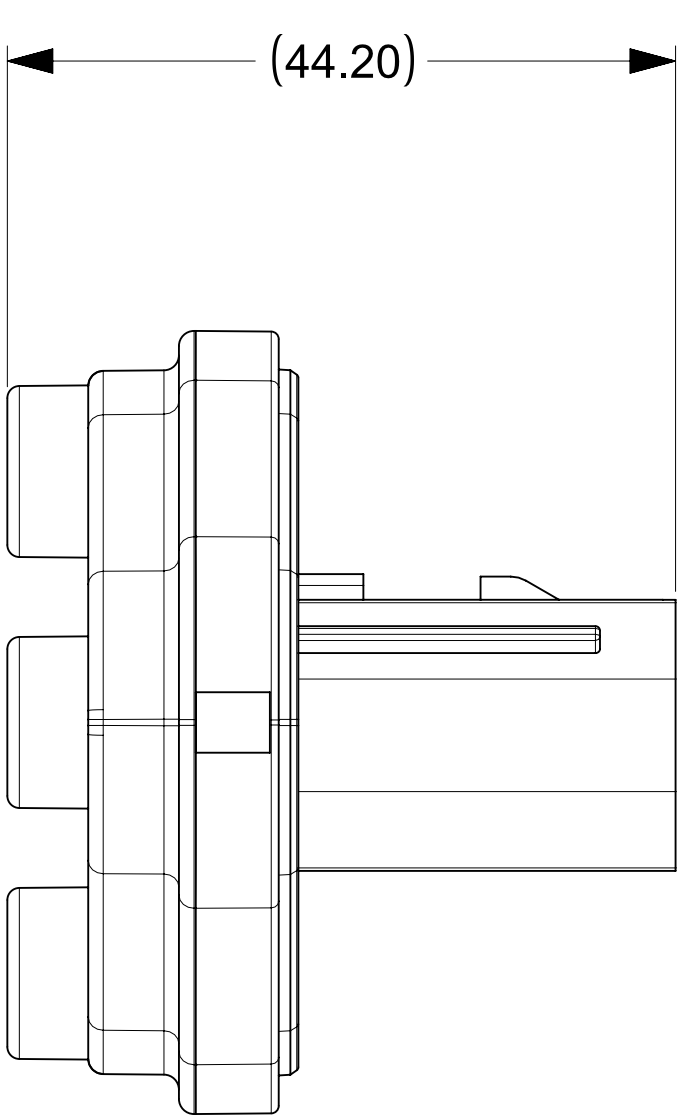
KEY C



KEY D

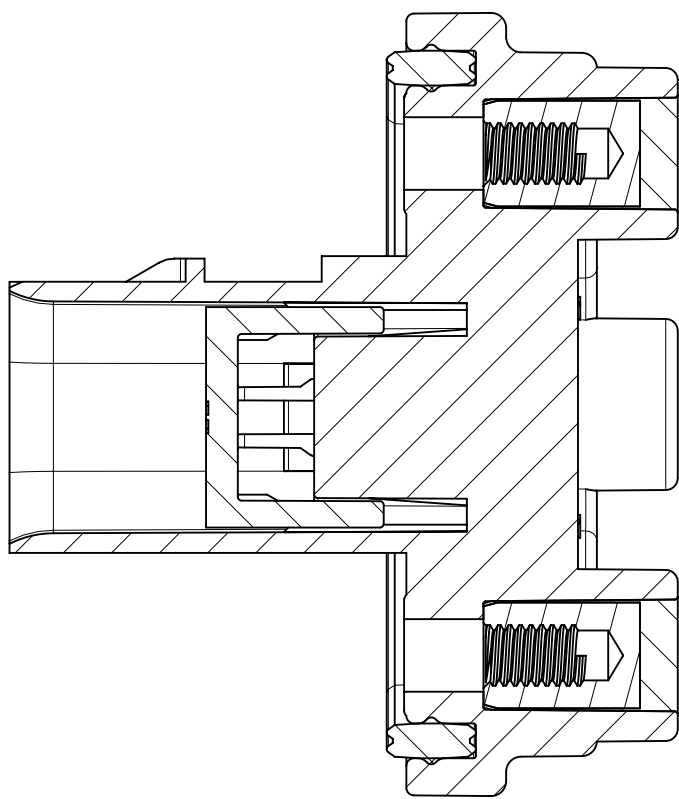
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	DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: CO-000000037 DRWN: Xu Yang 30-Jun-2022 CHK'D: Elvis Song 29-Sep-2022 APPR: Colin Zhang 29-Sep-2022			molex								
	mm		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)															
	ANGULAR TOL		± 0.5°													
	4 PLACES		± 0													
	3 PLACES		± 0													
	2 PLACES		± 0.1													
	1 PLACE		± 0.2													
	0 PLACES		± 0													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							D-SIZE		214468		SEE BOM		GENERAL MARKET		4 OF 9	

SHEET DESCRIPTION
DETAIL VIEWS AND SECTIONS - BUSHING VERSION



SECTION A-A

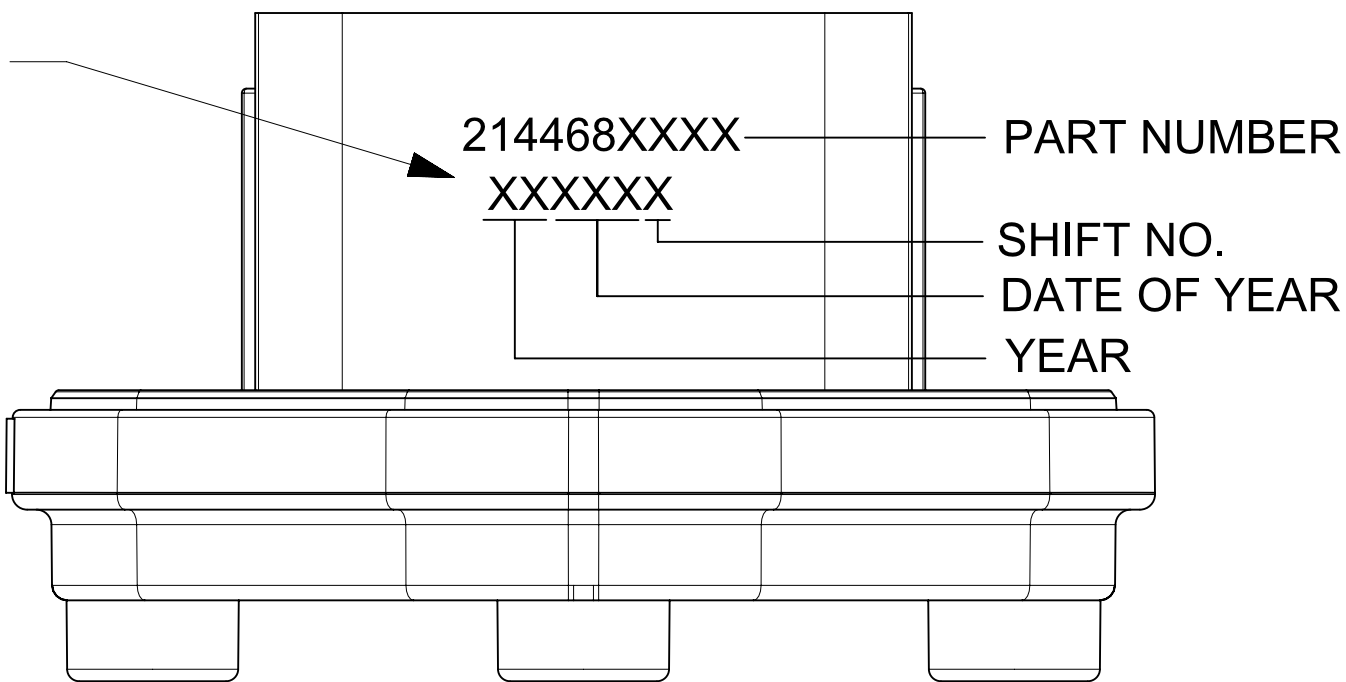
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SECTION A-A

(TPA SHOWN IN PRE-LOCK POSITION)

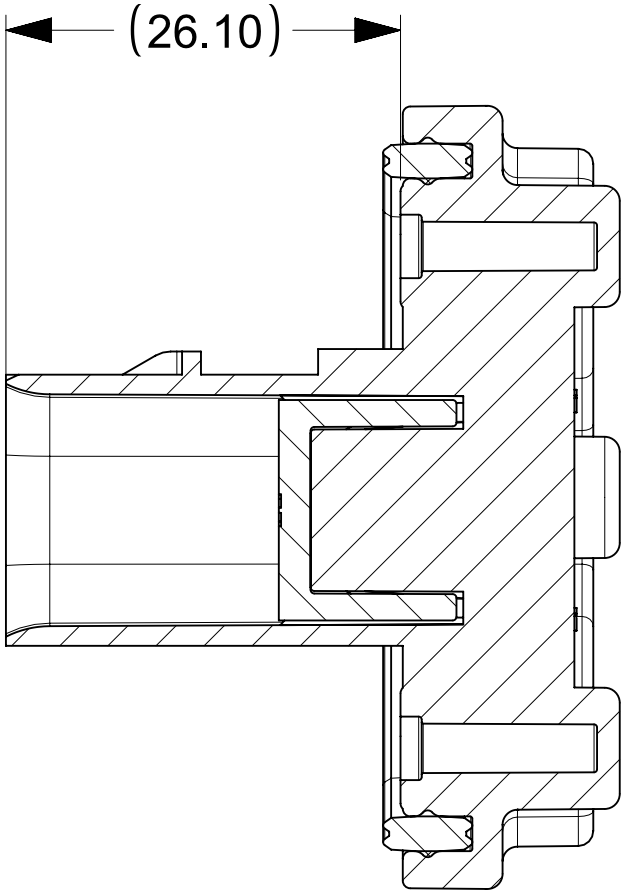
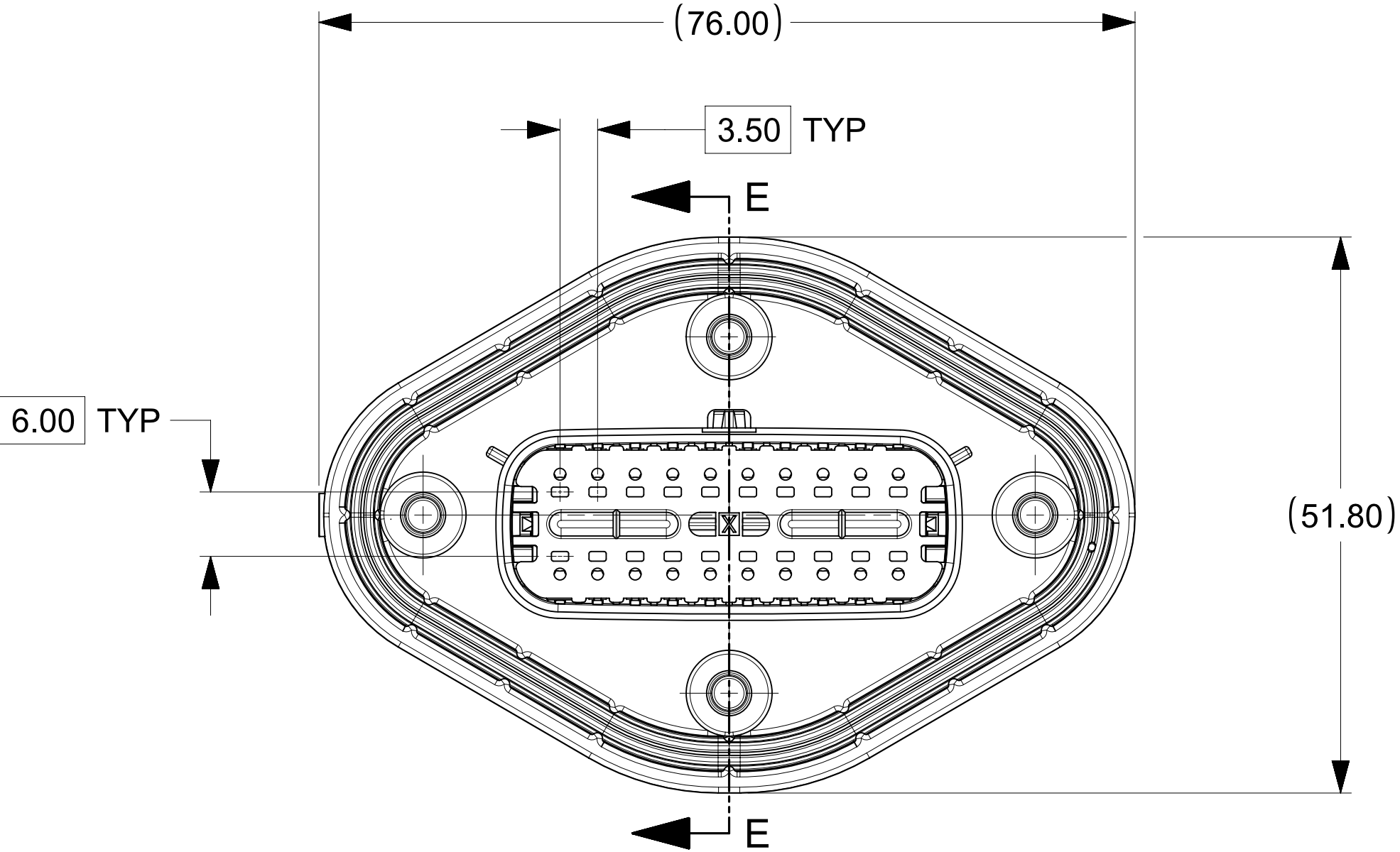
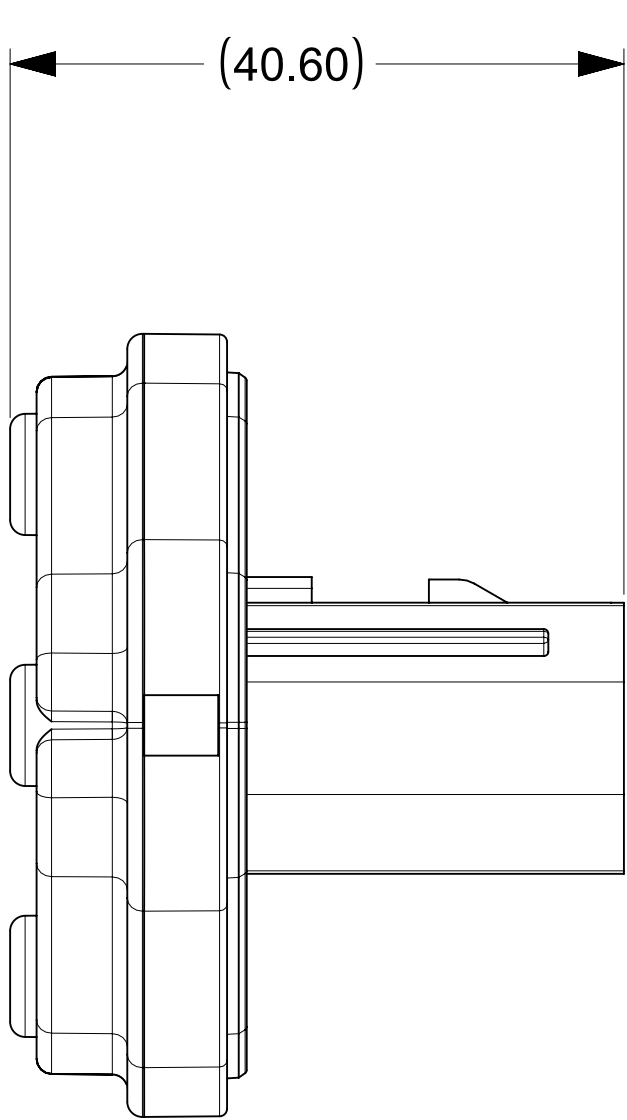
LASER MARKING ON THIS SURFACE
SEE NOTE 4b.



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: CO-000000037 DRWN: Xu Yang 30-Jun-2022 CHK'D: Elvis Song 29-Sep-2022 APPR: Colin Zhang 29-Sep-2022			molex MX150 20W PANEL MOUNT ASSY			
	mm		2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)										
	ANGULAR TOL ± 0.5°										
	4 PLACES		± 0								
	3 PLACES		± 0								
	2 PLACES		± 0.1								
	1 PLACE		± 0.2								
	0 PLACES		± 0								
	INITIAL REVISION: DRWN: WKHE APPR:					DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION
					2144680001		PSD		000	B3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					D-SIZE	214468	SEE BOM		GENERAL MARKET		5 OF 9

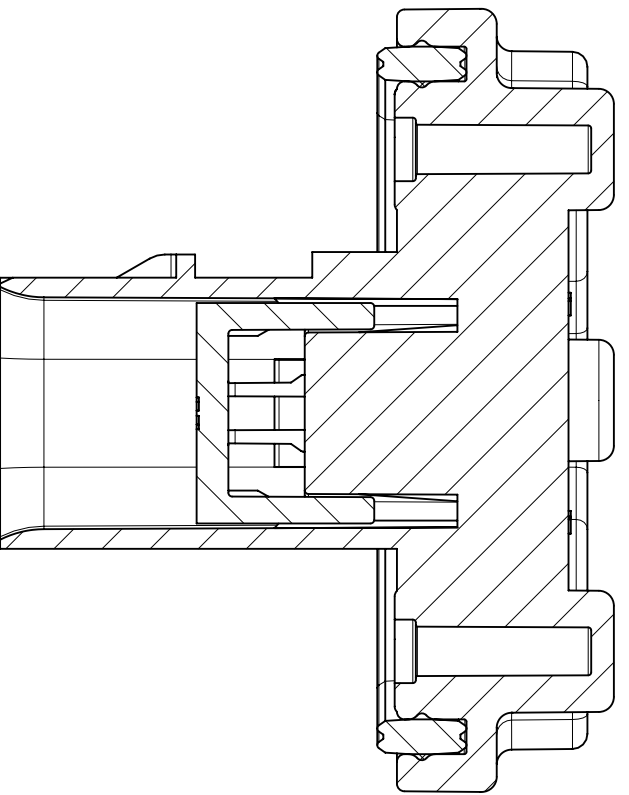
DOCUMENT STATUS	Approved	RELEASE DATE	29-Sep-2022 11:04:41
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SHEET DESCRIPTION
DETAIL VIEWS AND SECTIONS - SELF-TAPPING SCREW VERSION



SECTION E-E

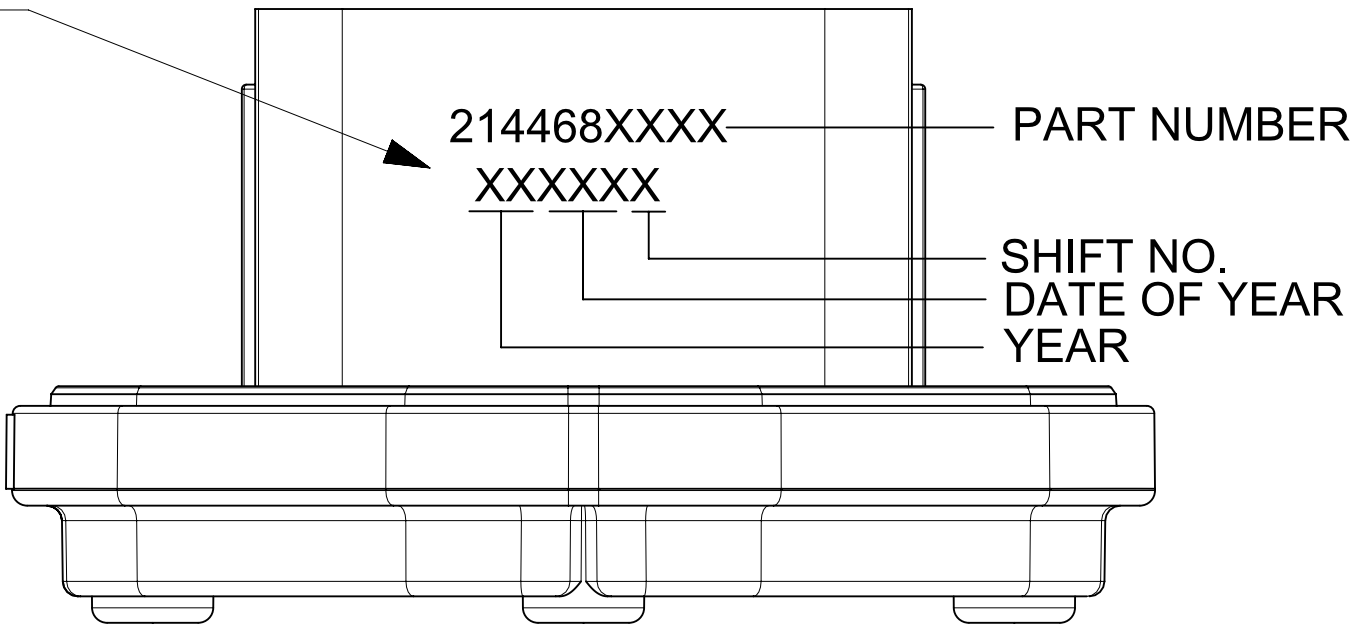
(TPA SHOWN IN FINAL-LOCK POSITION)



SECTION A-A

(TPA SHOWN IN PRE-LOCK POSITION)

LASER MARKING ON THIS SURFACE
SEE NOTE 4b.

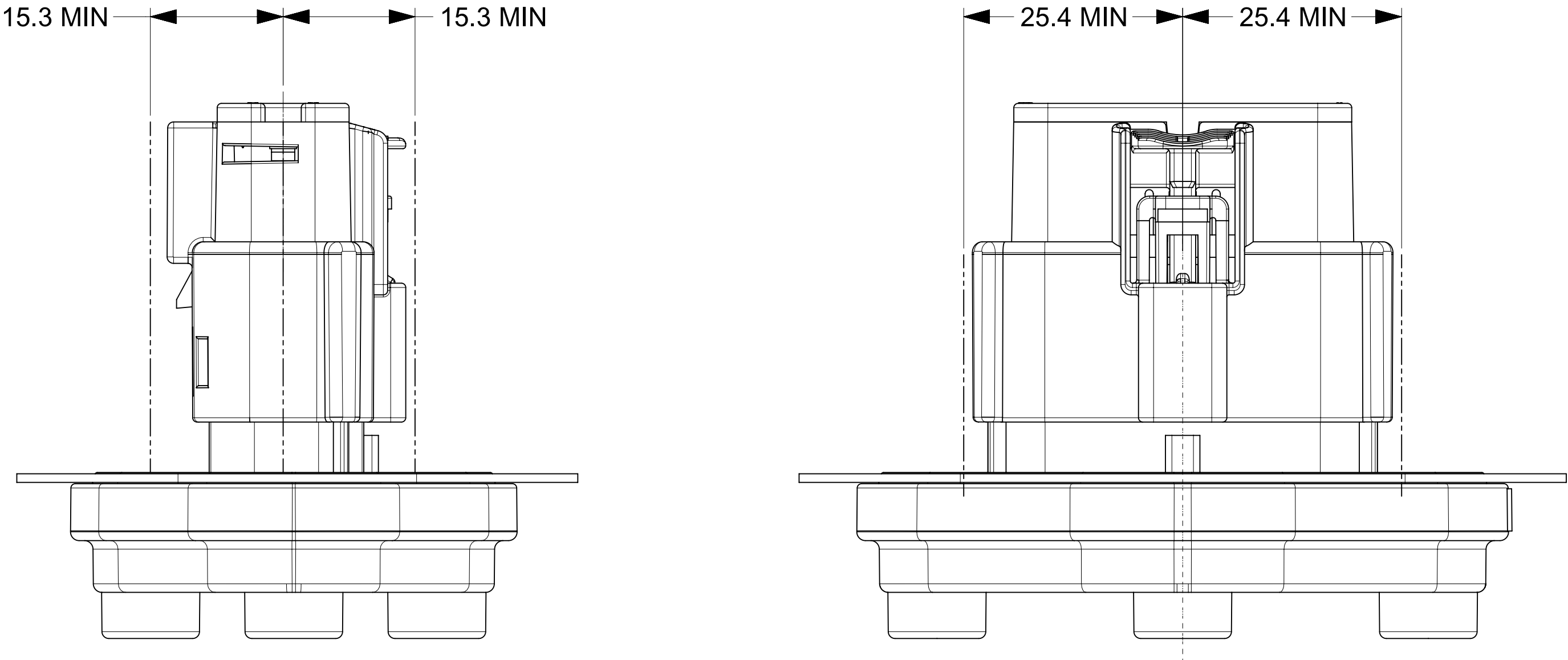


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex					
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: CO-000000037 DRWN: Xu Yang 30-Jun-2022 CHK'D: Elvis Song 29-Sep-2022 APPR: Colin Zhang 29-Sep-2022										MX150 20W PANEL MOUNT ASSY
	ANGULAR TOL ± 0.5°														
	4 PLACES		± 0												
	3 PLACES		± 0												
	2 PLACES		± 0.1												
	1 PLACE		± 0.2												
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	INITIAL REVISION:					DOCUMENT NUMBER					DOC TYPE	DOC PART	REVISION		
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APPR:															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		214468		SEE BOM		GENERAL MARKET		6 OF 9	

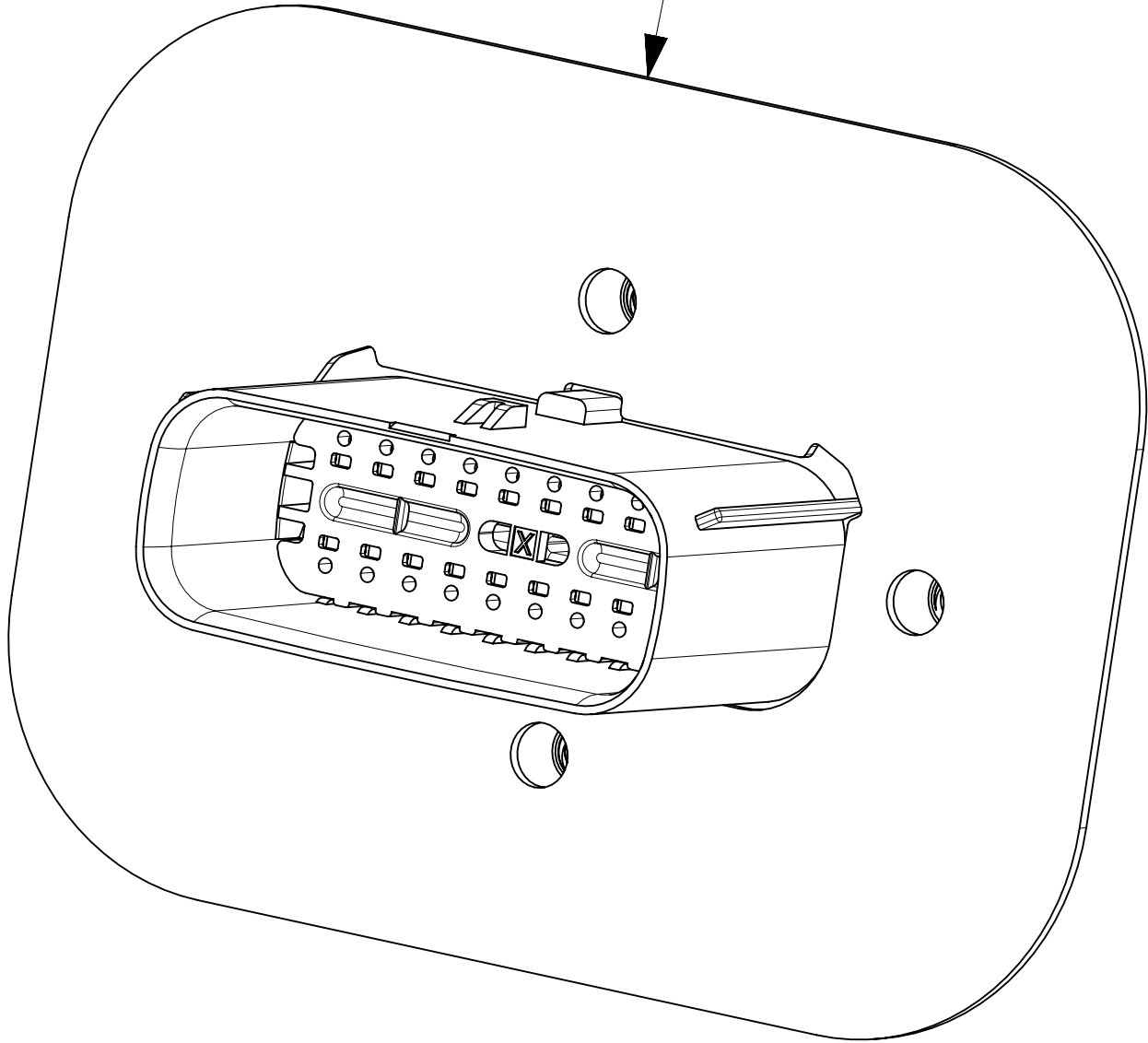
DOCUMENT STATUS	Approved	RELEASE DATE	29-Sep-2022 11:04:41
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SHEET DESCRIPTION
PANEL MOUNT INTERFACE

IF PANEL MOUNT INTERFACE IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUDS.



THE INTERFACE IS NOT AN ACTUAL PART. IT CAN'T BE SOLD, BUT NEEDS TO BE DESIGNED IN ON THE CUSTOMER'S SIDE.



PANEL MOUNT INTERFACE NOTES: VALID UNLESS OTHERWISE SPECIFIED

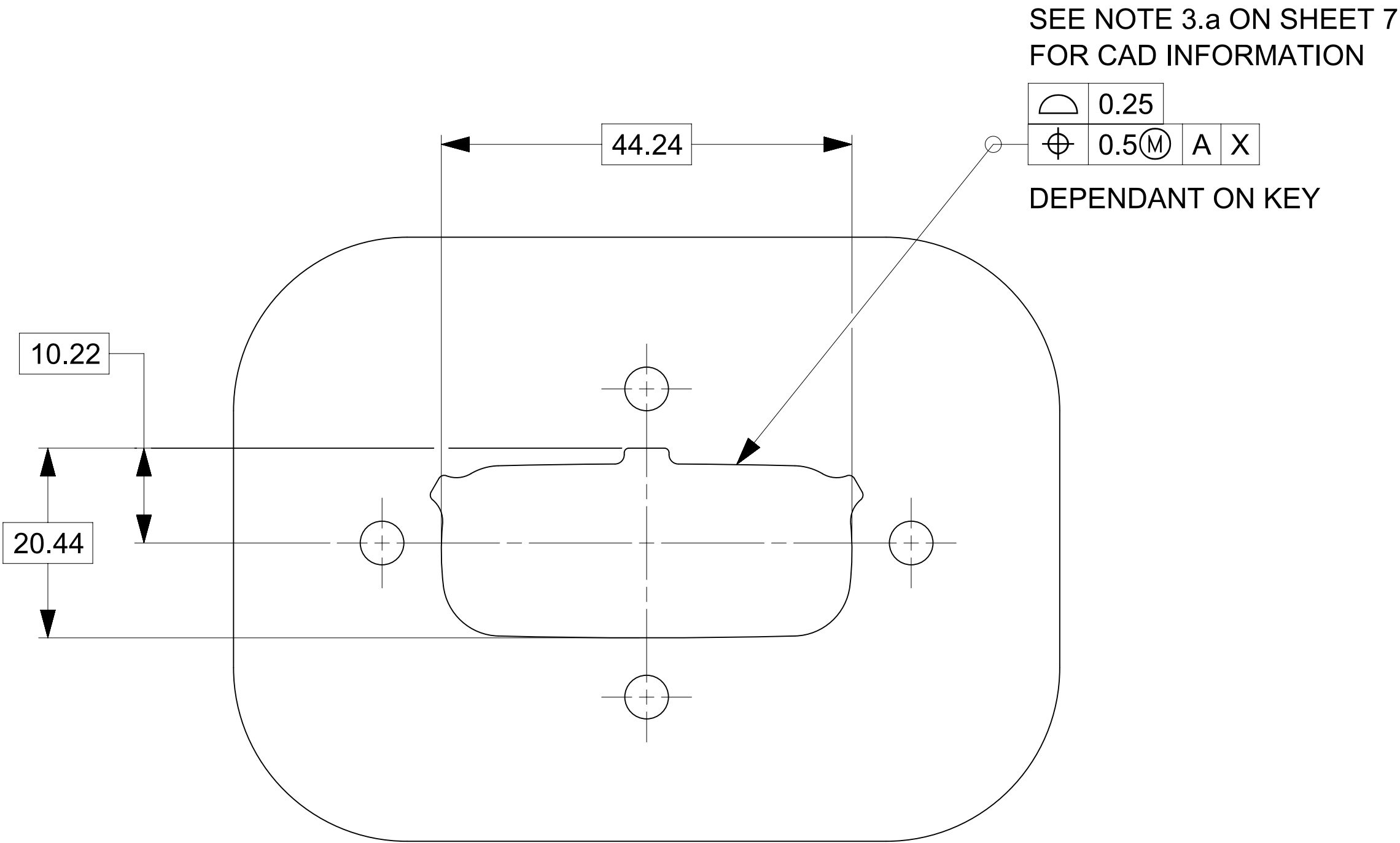
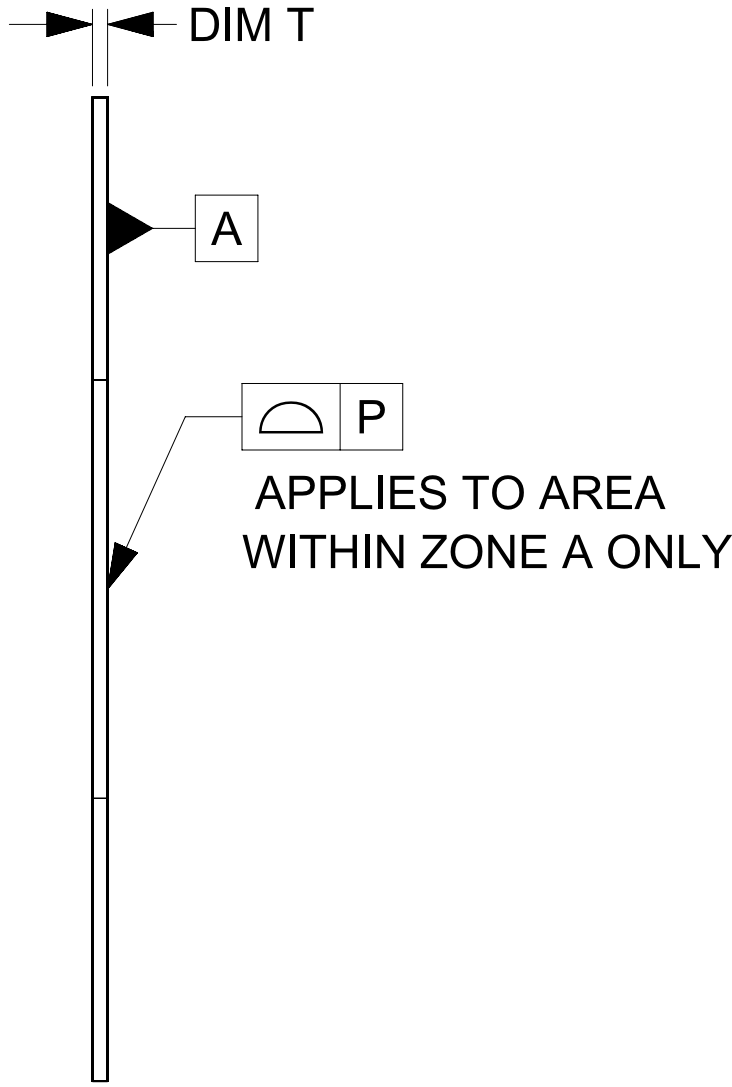
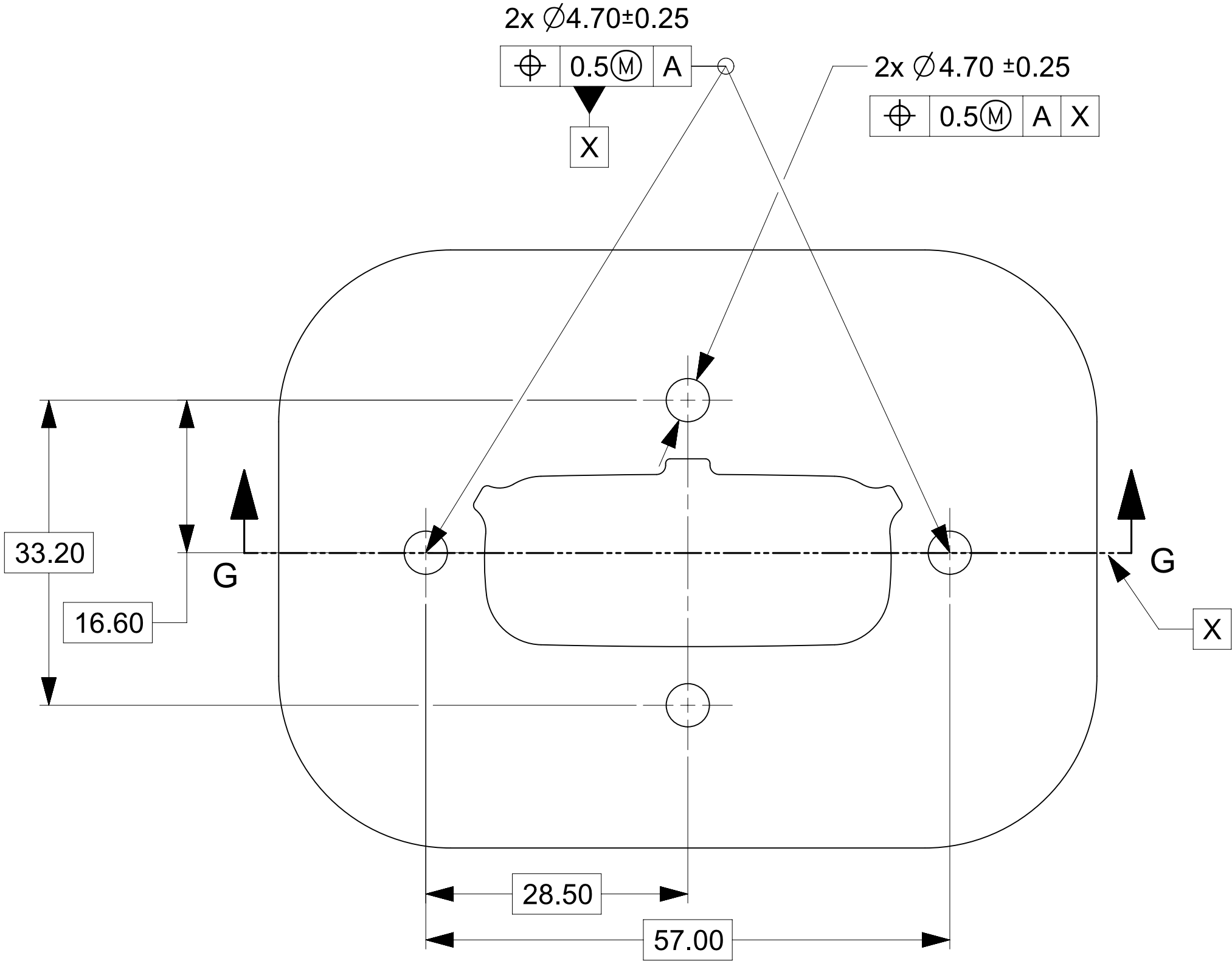
- GENERAL:
 - DESIGNED TO MATE WITH MOLEX CONNECTOR SERIES #33472
 - ALL DIMENSIONS SHOWN IN MILLIMETERS
- MATERIALS:
 - MATERIAL: COLD ROLLED STEEL
PER GMW3032M-ST-S-CR210B2-HD60G60G-U
 - COATING: (ANTI CORROSION) REQUIRED
- GEOMETRY
 - THIS IS 100% CAD GENERATED PART, THE CAD MATHMATICAL DATA IS THE MASTER FOR THIS PART, FOR THE DIMENSIONAL OR ANY INFORMATION NOT SHOWING ON THIS DRAWING, CONTACT MOLEX FOR CAD TO ANALYZE THE MODEL,
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 2009
 - GENERAL TOLERANCES: SEE TITLE BLOCK
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- MANUFACTURING:
 - NO PARTING LINES, SCRATCHES, DENTS, OR MISMATCHES PERMISSBLE WITHIN SEALING SURFACE. SURFACE FINISH: 3.5um MAXIMUM RA SCALE
- FASTENER:
 - FOUR BOLTS ARE REQUIRED TO RETAIN THE PANEL MOUNT CONNECTOR TO THE MATING PANEL MOUNT INTERFACE.
 - ONLY USE BOLTS THAT ADHERE TO THE DEFINITION SHOWN IN THE VIEWS ON SHEET 8.

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: CO-000000037 DRWN: Xu Yang 30-Jun-2022 CHK'D: Elvis Song 29-Sep-2022 APPR: Colin Zhang 29-Sep-2022			molex MX150 20W PANEL MOUNT ASSY						
	mm		2:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL ± 0.5°		INITIAL REVISION: DRWN: WKHE APPR:					PRODUCT SALES DRAWING						
	4 PLACES ± 0							DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION	
	3 PLACES ± 0					2144680001		PSD		000	B3			
	2 PLACES ± 0.1													
	1 PLACE ± 0.2		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
	0 PLACES ± 0				D-SIZE		214468		SEE BOM		GENERAL MARKET		7 OF 9	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													

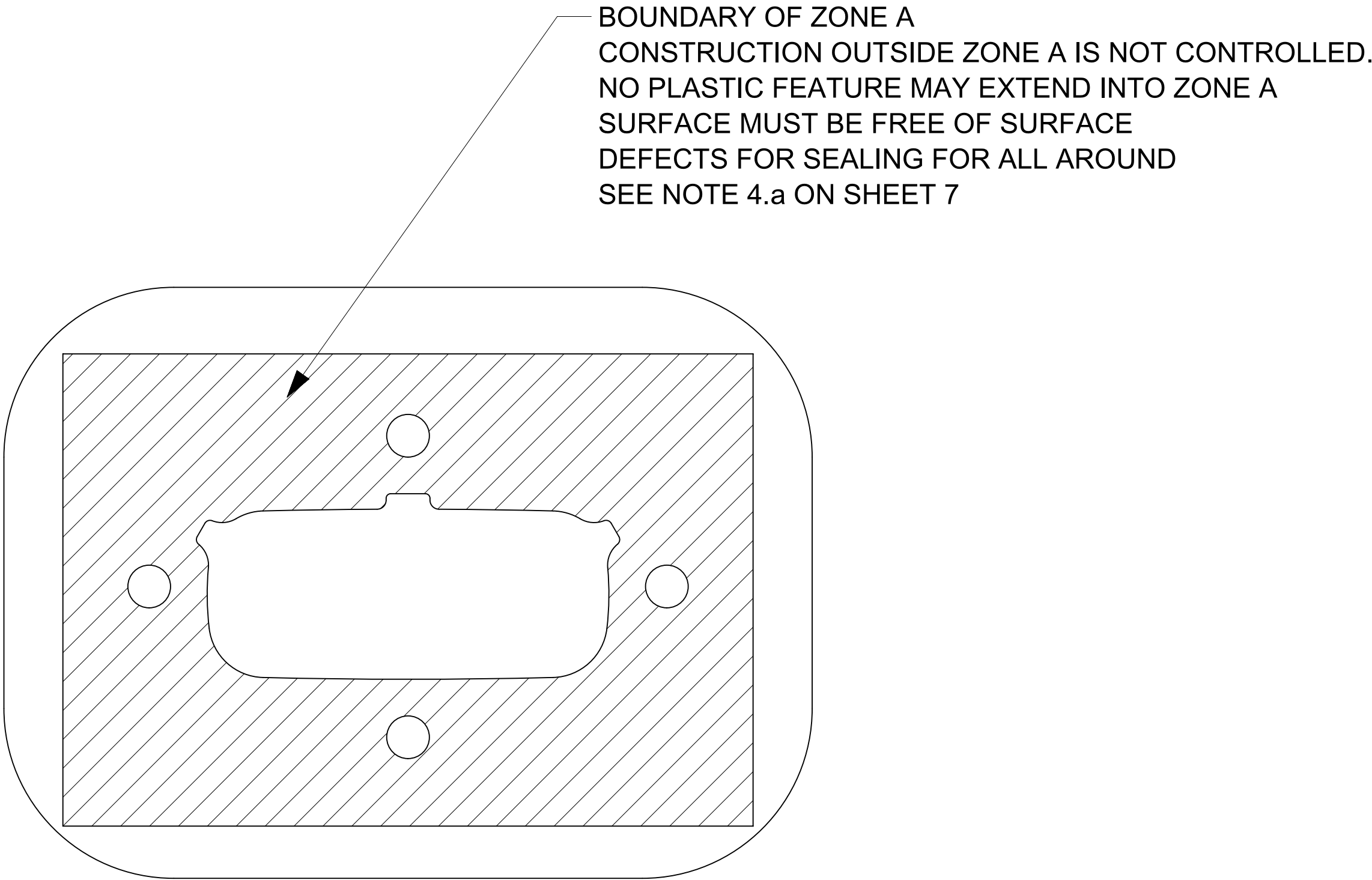
DOCUMENT STATUS	Approved	RELEASE DATE	29-Sep-2022 11:04:41
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SHEET DESCRIPTION
PANEL MOUNT INTERFACE

PANEL THICKNESS AND PROFILE TABLE	
PANEL THICKNESS T (mm) POST ECOATING	PANEL PROFILE TOLERANCE P (mm)
1.0 MIN ≤ T ≤ 1.5	0.5
1.5 < T ≤ 2.2	0.3
2.2 < T ≤ 3.1 MAX	0.2



SEE NOTE 3.a ON SHEET 7
FOR CAD INFORMATION



SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS										SCALE									
= 0										mm									
= 0										2:1									
= 0										GENERAL TOLERANCES (UNLESS SPECIFIED)									
= 0										ANGULAR TOL ± 0.5°									
= 0										4 PLACES ± 0									
= 0										3 PLACES ± 0									
= 0										2 PLACES ± 0.1									
= 0										1 PLACE ± 0.2									
= 0										0 PLACES ± 0									
= 0										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
= 0										THIRD ANGLE PROJECTION									
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= 0										D-SIZE 214468									
= 0										MATERIAL NUMBER									
= 0										CUSTOMER									
= 0										SHEET NUMBER									
= 0										9 OF 9									

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

MX150 20W PANEL MOUNT ASSY

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2144680001	PSD	000	B3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE BOM	GENERAL MARKET	9 OF 9