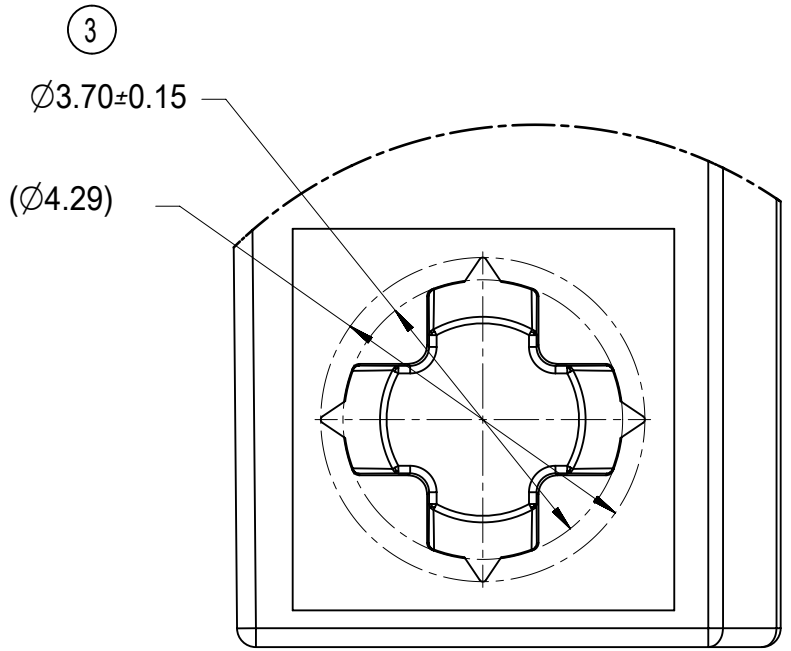
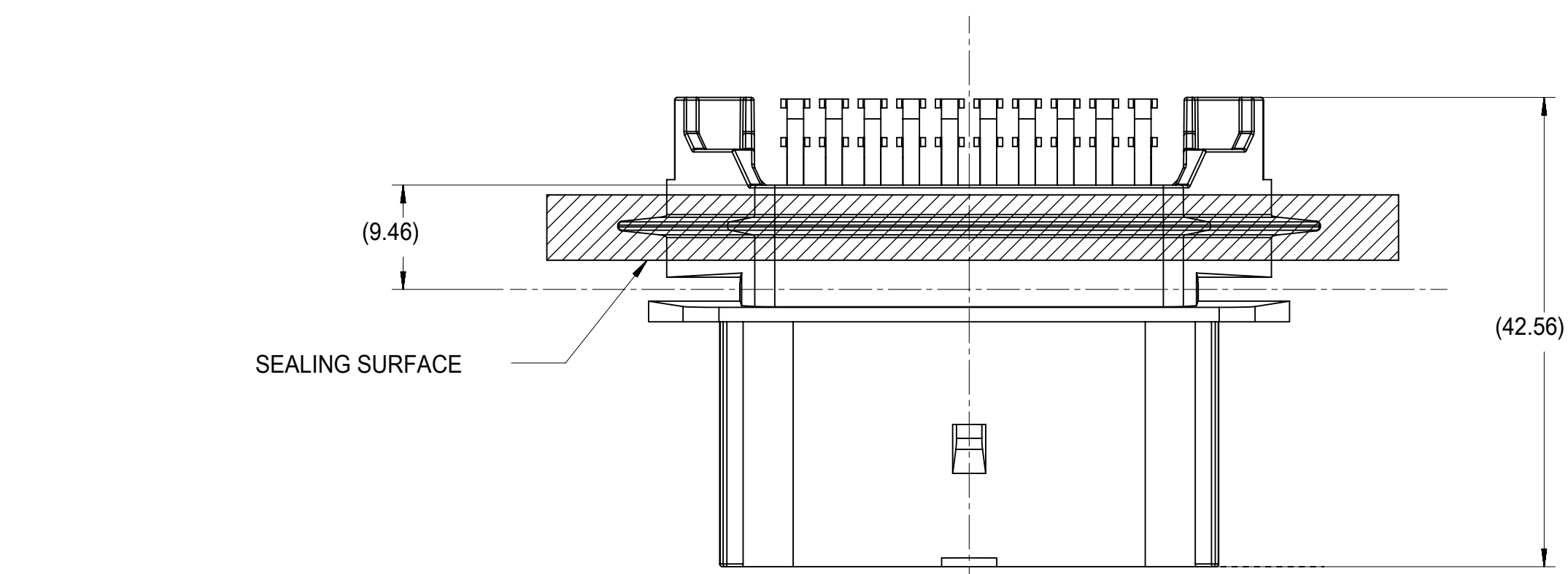
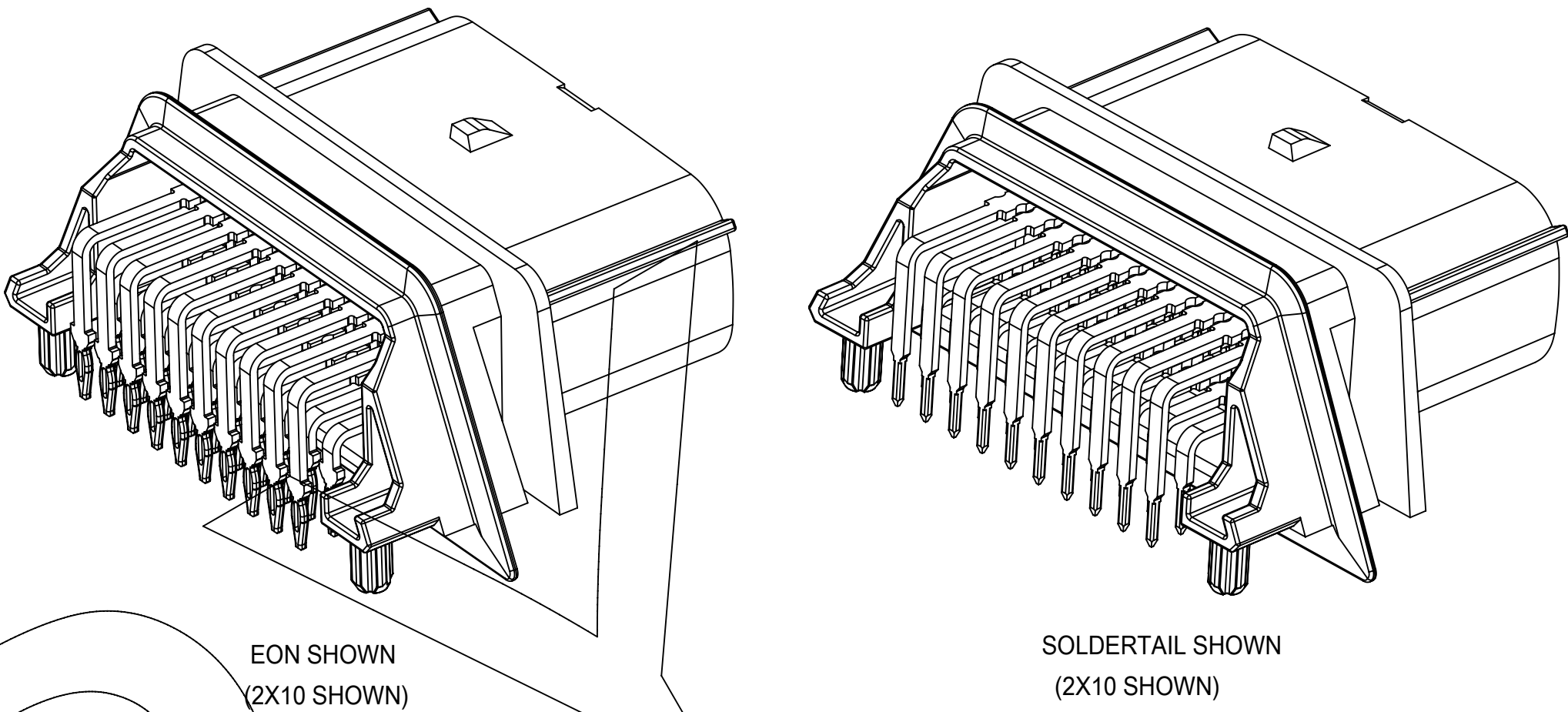


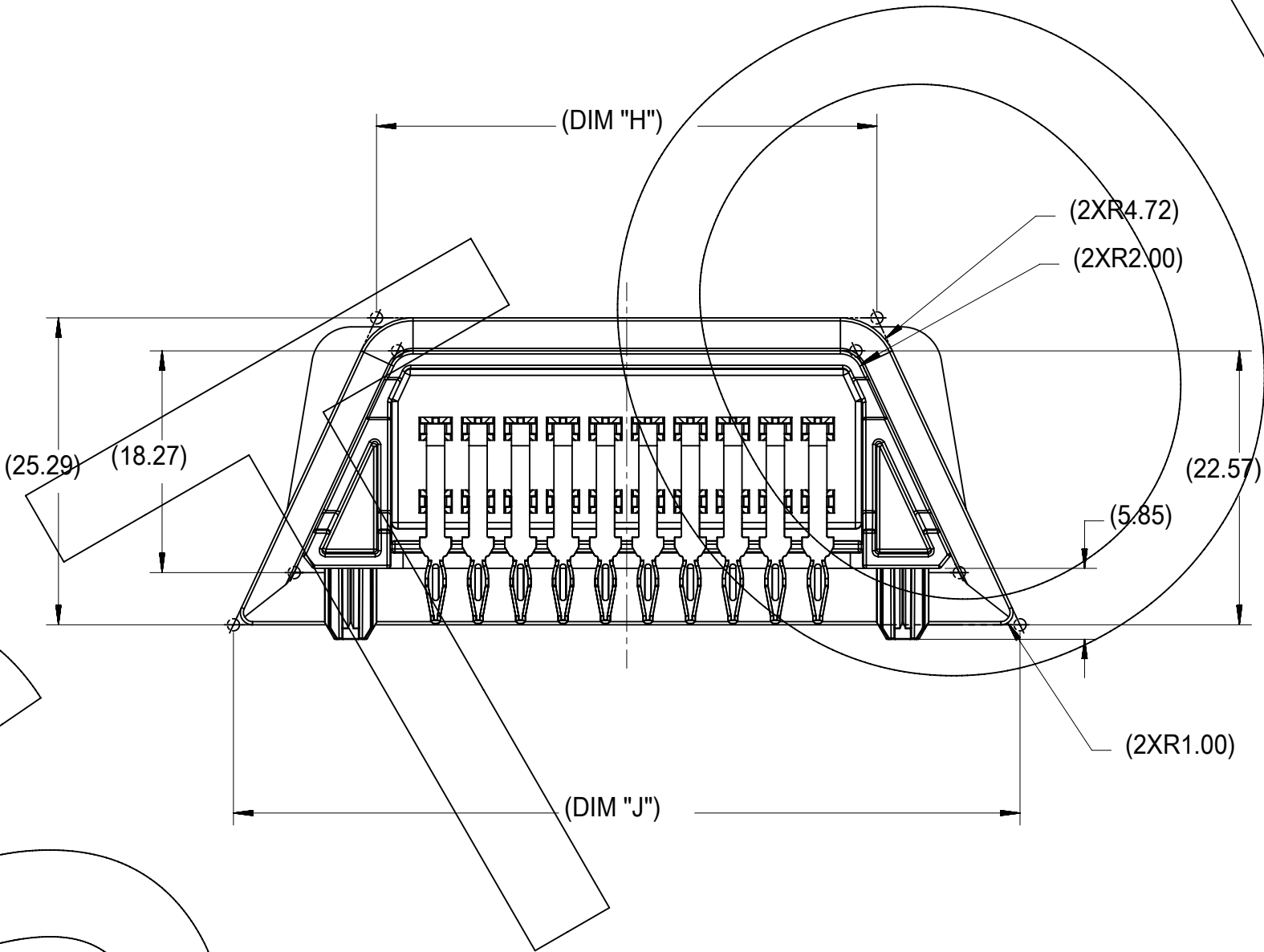
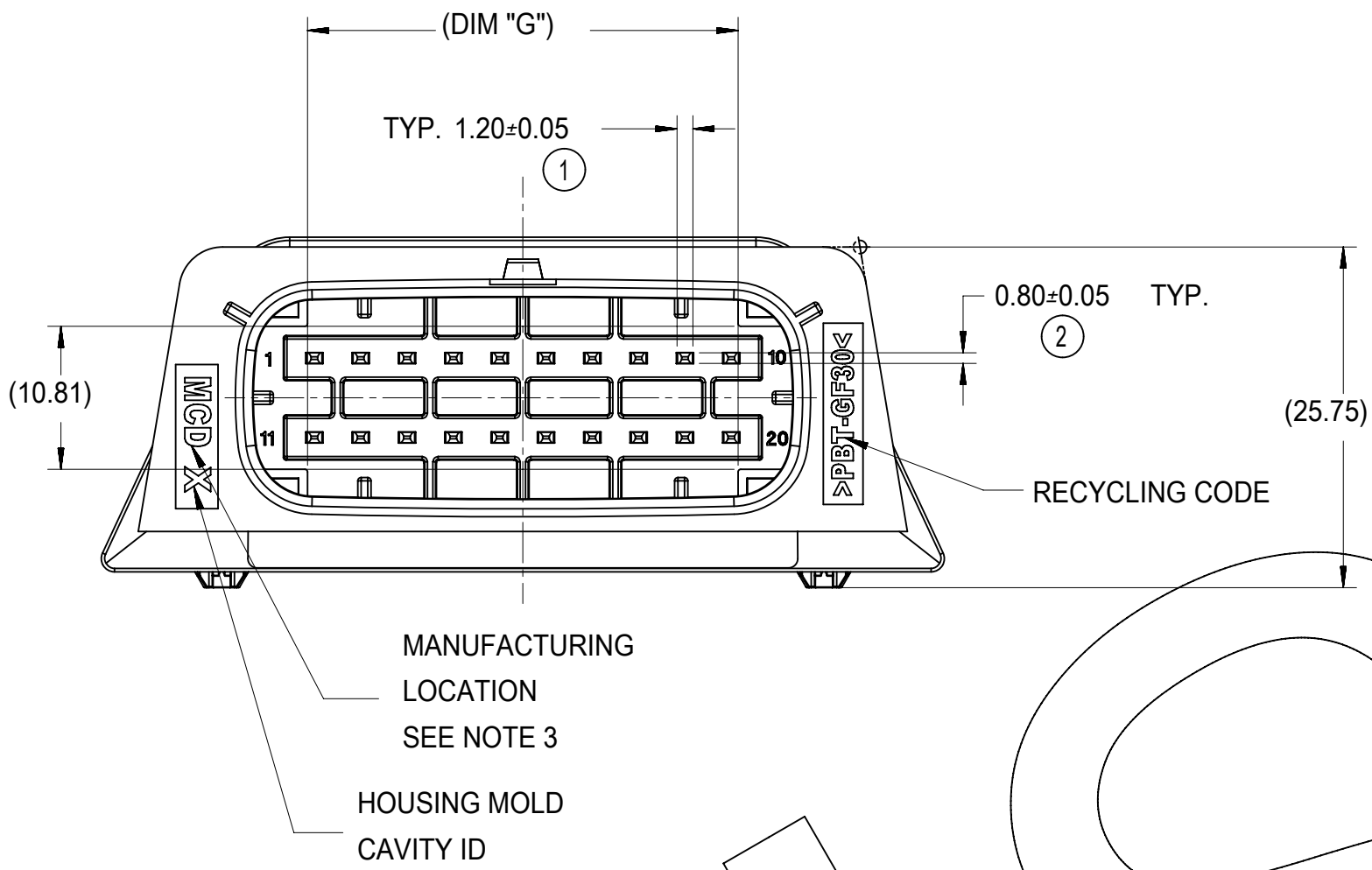
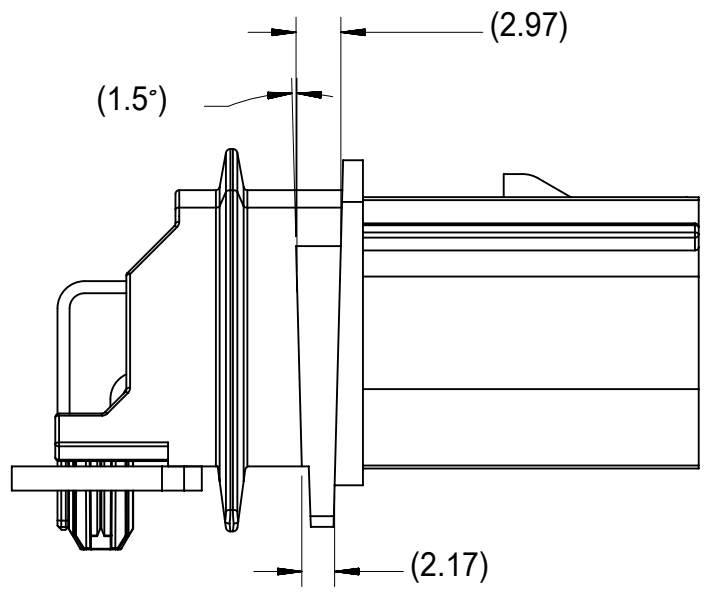


DETAIL 1
SCALE 10:1

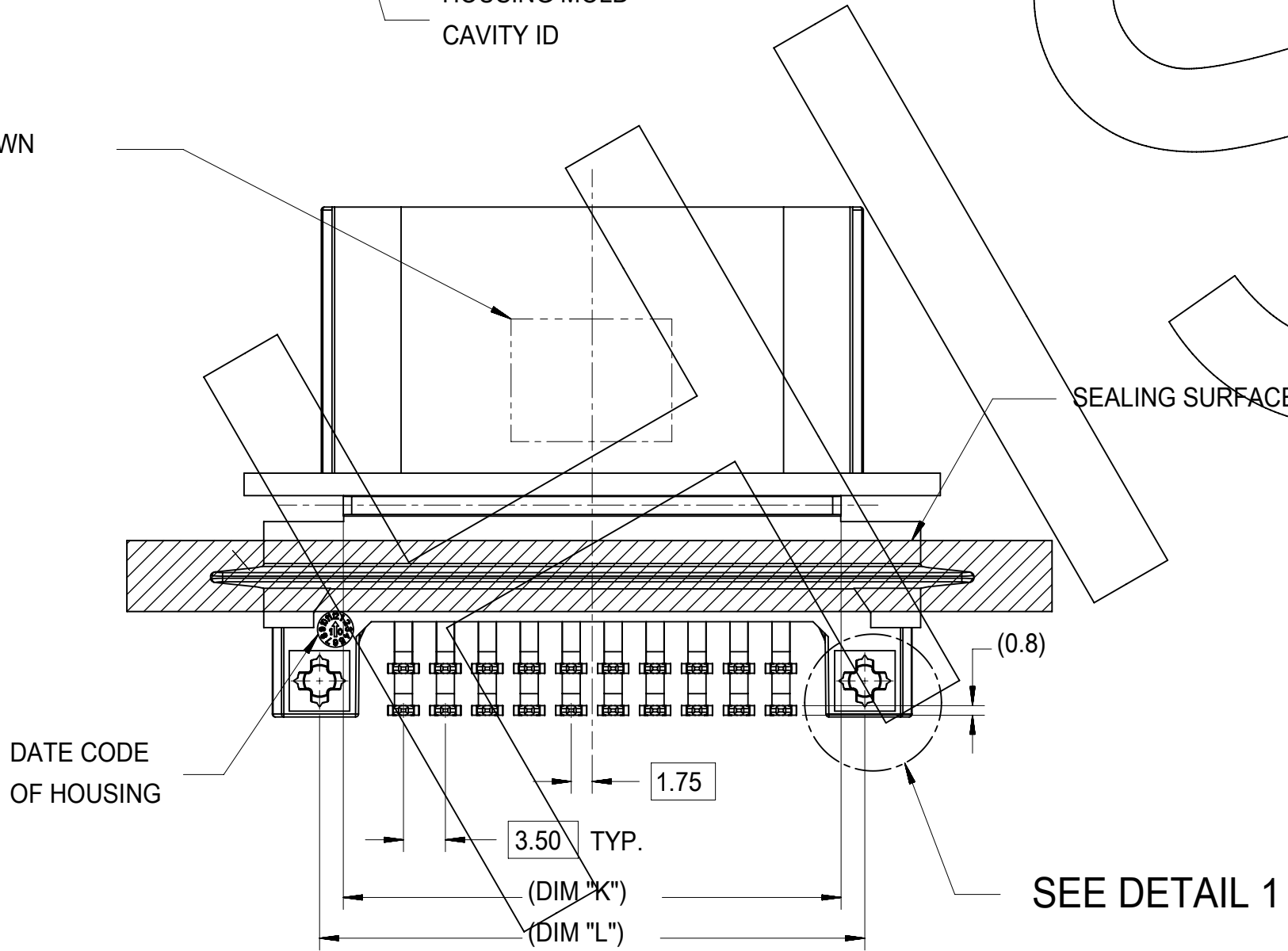


NOTES UNLESS OTHERWISE SPECIFIED

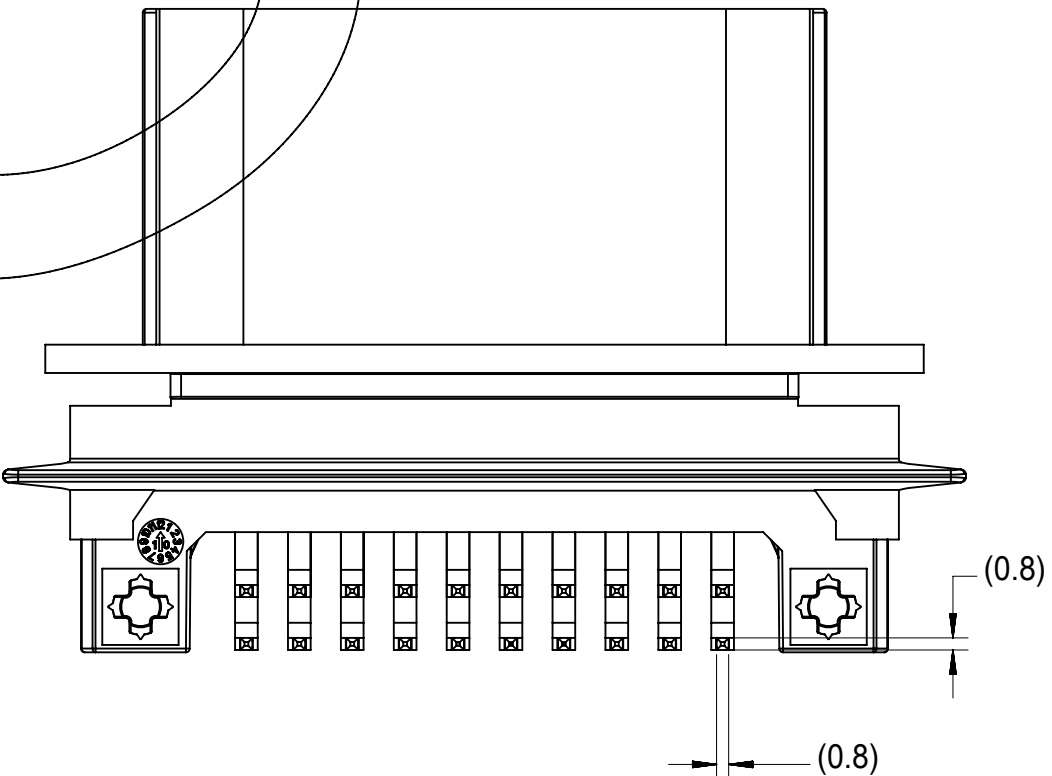
1. GENERAL:
- a. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5015
 - b. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - c. 1.5 PCB PRESS-FIT (COMPLIANT PIN) PER SD-31503-012 REV A
 - d. PCB INTENDED TO BE FR4 0.062" (1.6mm) THICK
2. DESIGN - MATERIALS:
- a. HOUSING: PBT 30%GF.
 - b. TERMINAL:
 - SOLDER VERSION: COPPER ALLOY.
 - COMPLIANT VERSION: COPPER ALLOY.
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 CAD MODEL.
 - b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - f. LETTERING SHALL BE 0.15 MAX RAISED. THIS INCLUDES RECYCLING CODE, CAVITY ID, MANUFACTURING LOCATION, AND MOLEX MATERIAL NUMBER.
4. TRUE POSITIONS OF THE EONS AND SOLDERTAIL TO BE VERIFIED WITH A FUNCTIONAL GO/NO GO GAUGE.
5. ALL DIMENSIONS APPLY TO THE PART AS SHIPPED FROM MOLEX. FINAL POSITIONING IS ACHEIVED WITH PCB APPLICATION TOOLING. REFERENCE AS-34829-001.
6. LASER MARKING TO BE MARKED WITH:
- HUMAN READABLE CODE (HRC)
 - PERMANENTLY APPLIED ON THE PART WITH 1.5mm LETTER SIZE
 - INFORMATION TO BE PRINTED
 - 9 DIGIT MOLEX MATERIAL NUMBER
 - 5 DIGIT JULIAN MANUFACTURING DATE STAMP DDDYY
7. TRUE POSITION OF THE MATE SIDE CONNECTOR TO BE VERIFIED WITH A GO/NO-GO FUNCTIONAL GAGE
8. ALL DIMENSION WITH OUT BALLOONS ARE NOT MEASURED. SURROGATE DATA FROM THE COMPONENT PRINT WILL BE USED TO MEET DIMENSIONAL REQUIREMENTS.
9. EON (COMPLIANT PIN) DESIGN REQUIRES AN ASSEMBLY FIXTURE FOR INSTALLATION.



LASER MARKING TO BE SHOWN
IN THIS LOCATION
SEE NOTE 6

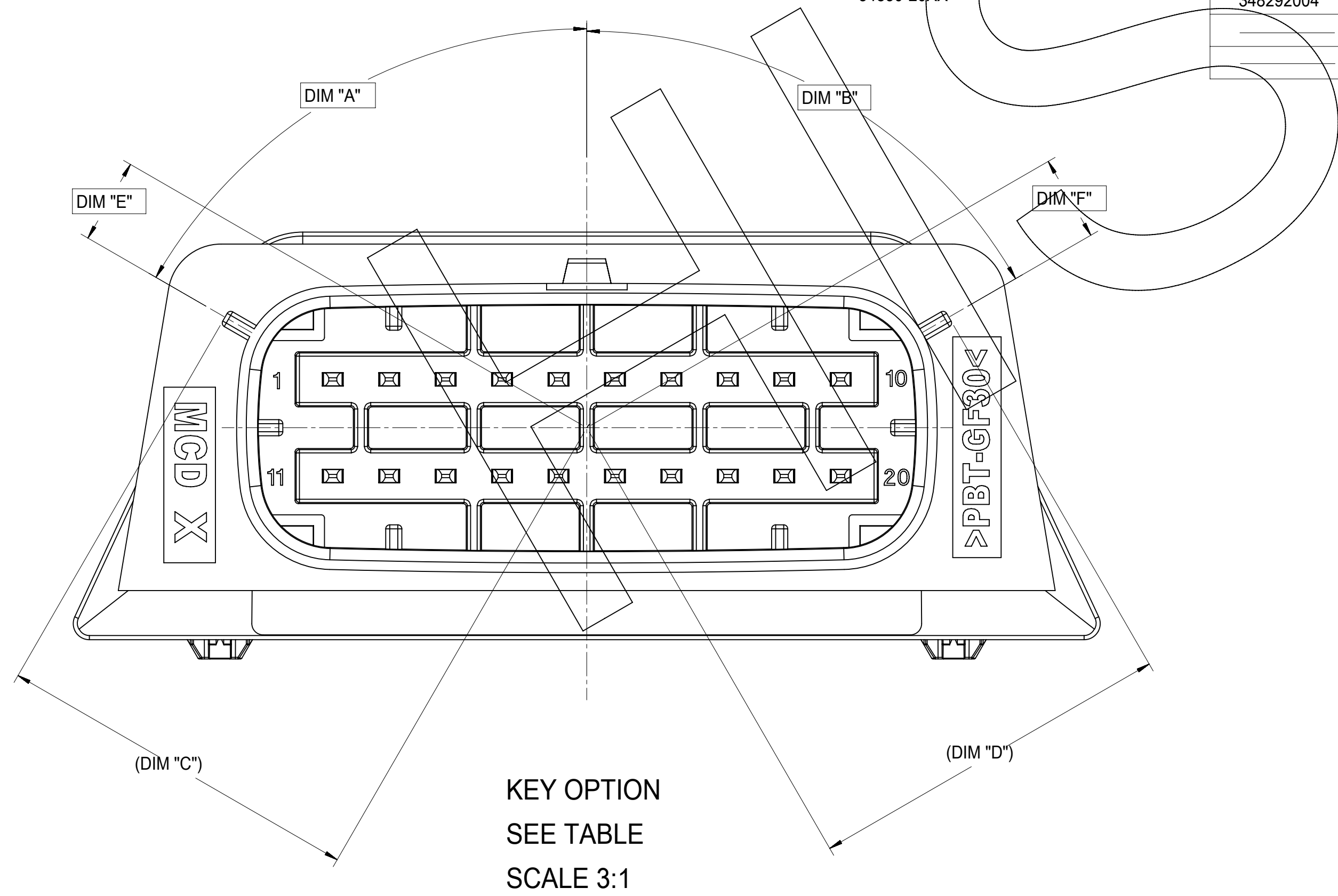
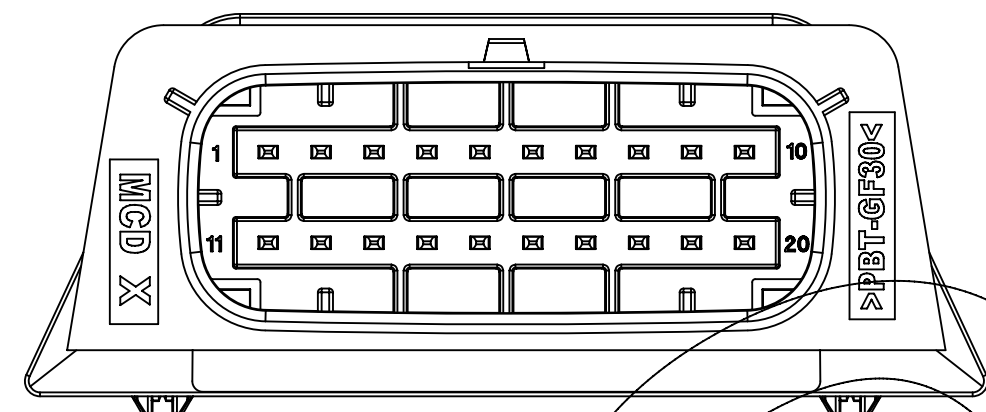
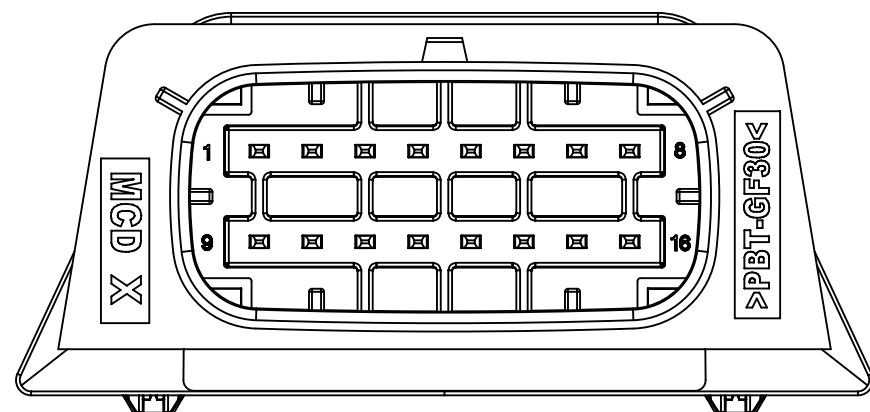
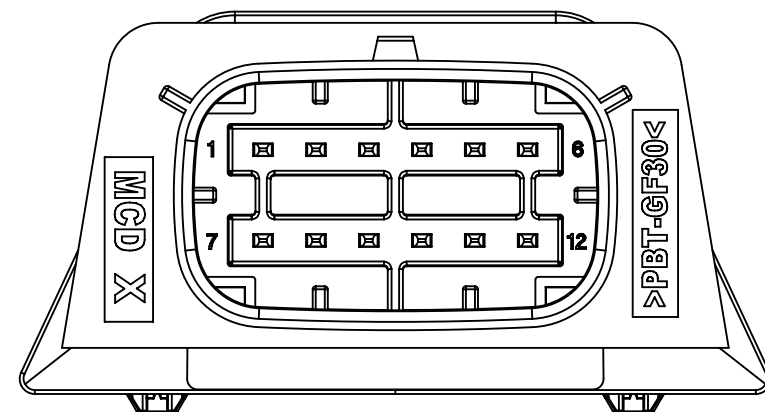
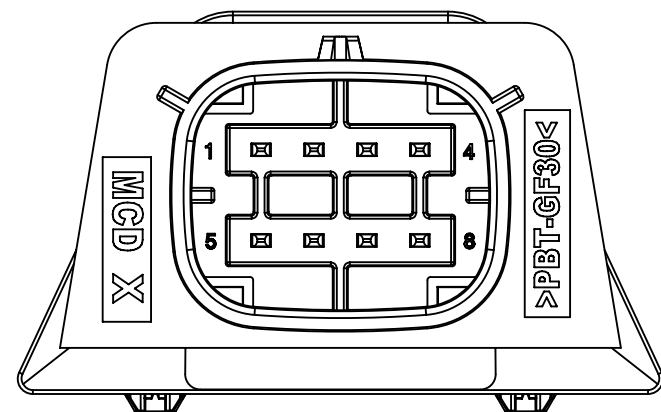
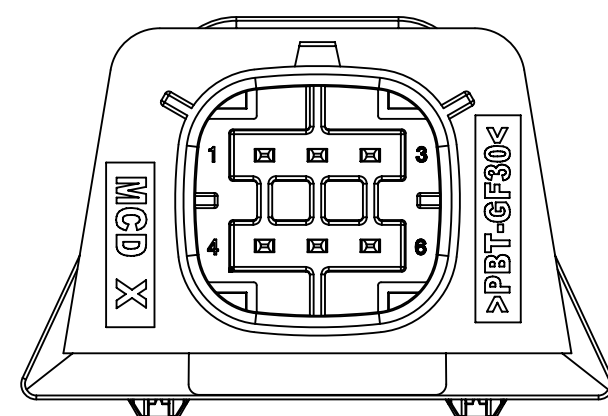
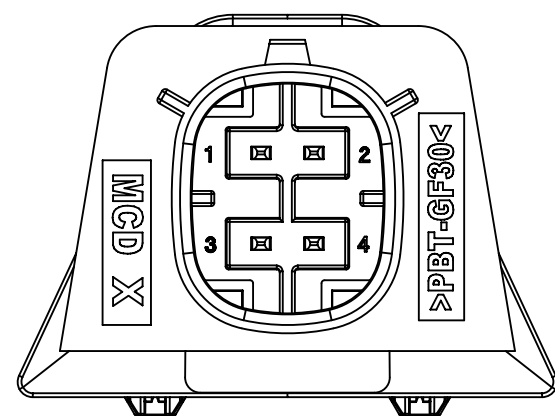


EON DESIGN



SOLDERTAIL DESIGN

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex											
	= 0	mm		2:1																	
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 619116				MX150 DUAL ROW R/A HEADER ASSEMBLY											
	= 0																				
	= 0	ANGULAR TOL		± 3.0 °		DRWN: XLDONG03 2019/07/29				INITIAL REVISION:											
	= 0	4 PLACES		±										CHK'D: JDENG02 2019/08/07							
	= 0	3 PLACES		±		APPR: JDENG02 2019/08/07															
	= 0	2 PLACES		± 0.13						DRWN: LSONG05 2012/03/22				PRODUCT CUSTOMER DRAWING							
	= 0	1 PLACE		± 0.25		APPR: PBERG 2012/05/29															
	= 0	0 PLACES		±						DOCUMENT NUMBER				DOC TYPE				DOC PART			
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES													
	= 0					D-SIZE		34829		SEE SHEET 2				GENERAL MARKET				1 OF 3			



MATERIAL NUMBER		DESCRIPTION	KEY CODING	COLOR	DIMENSIONS										STATUS		
EON	SOLDERTAIL				A	B	C	D	E	F	G	H	J	K	L	EON	Ⓐ1
348290401	348300401	2x2 WAY HEADER	A	BLACK	60°	60°	10.75	10.75	1.73	1.73	4.53	13.24	36.83	13.54	17.50	OBSOLETE	DESIGN CONCEPT
348290402	348300402		B	LT GRAY	40°	60°	11.16	10.75	0.57	1.73							
348290403	348300403		C	DK GRAY	60°	40°	10.75	11.16	1.73	0.57							
348290404	348300404		D	BLACK	40°	40°	11.16	11.16	0.57	0.57							
348290601	348300601	2x3 WAY HEADER	A	BLACK	60°	60°	12.27	12.27	0.86	0.86	8.03	16.74	40.33	17.04	21.00	OBSOLETE	DESIGN CONCEPT
348290602	348300602		B	LT GRAY	25°	60°	11.93	12.27	1.94	0.86							
348290603	348300603		C	DK GRAY	60°	25°	12.27	11.93	0.86	1.94							
348290604	348300604		D	BLACK	25°	25°	11.93	11.93	1.94	1.94							
348290801	348300801	2x4 WAY HEADER	A	BLACK	60°	60°	13.78	13.78	0.02	0.02	11.53	20.24	43.83	20.54	24.50	OBSOLETE	SALEABLE
348290802	348300802		B	LT GRAY	25°	60°	12.67	13.78	3.53	0.02							
348290803	348300803		C	DK GRAY	60°	25°	13.78	12.67	0.02	3.53							
348290804	348300804		D	BLACK	25°	25°	12.67	12.67	3.53	3.53							
348291201	348301201	2x6 WAY HEADER	A	BLACK	60°	60°	16.81	16.81	1.77	1.77	18.53	27.24	50.83	27.54	31.50	OBSOLETE	DESIGN CONCEPT
348291202	348301202		B	LT GRAY	25°	60°	14.14	16.81	6.70	1.77							
348291203	348301203		C	DK GRAY	60°	25°	16.81	14.14	1.77	6.70							
348291204	348301204		D	BLACK	25°	25°	14.14	14.14	6.70	6.70							
348291601	348301601	2x8 WAY HEADER	A	BLACK	60°	60°	19.85	19.85	3.52	3.52	25.53	34.24	57.83	34.54	38.50	OBSOLETE	DESIGN CONCEPT
348291602	348301602		B	LT GRAY	25°	60°	15.62	19.85	9.87	3.52							
348291603	348301603		C	DK GRAY	60°	25°	19.85	15.62	3.52	9.87							
348291604	348301604		D	BLACK	25°	25°	15.62	15.62	9.87	9.87							
348292001	348302001	2x10 WAY HEADER	A	BLACK	60°	60°	22.88	22.88	5.27	5.27	32.53	41.24	64.83	41.54	45.50	OBSOLETE	SALEABLE
348292002	348302002		B	LT GRAY	25°	60°	17.10	22.88	13.05	5.27							
348292003	348302003		C	DK GRAY	60°	25°	22.88	17.10	5.27	13.05							
348292004	348302004		D	BLACK	25°	25°	17.10	17.10	13.05	13.05							
	348302006		B	NATURAL	25°	60°	17.10	22.88	13.05	5.27							
	348302007		D	LT GRAY	25°	25°	17.10	17.10	13.05	13.05							

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 MX150 DUAL ROW R/A HEADER ASSEMBLY							
mm		2:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0 °				EC NO: 619116 DRWN: XLDONG03 2019/07/29 CHK'D: JDENG02 2019/08/07 APPR: JDENG02 2019/08/07									
4 PLACES ±															
3 PLACES ±		INITIAL REVISION:				DOCUMENT NUMBER SD-34829-001				DOC TYPE PSD		DOC PART 001		REVISION A2	
2 PLACES ± 0.13															
1 PLACE ± 0.25		DRWN: LSONG05 2012/03/22 APPR: PBERG 2012/05/29				MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET				SHEET NUMBER 2 OF 3	
0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES									
				D-SIZE		34829									

DESCRIPTION	DIMENSIONS		
	R	S	T
2X2 HEADER	17.50	26.82	8.61
2X3 HEADER	21.00	30.32	10.36
2X4 HEADER	24.50	33.82	12.11
2X6 HEADER	31.50	40.82	15.61
2X8 HEADER	38.50	47.82	19.11
2X10 HEADER	45.50	54.82	22.61

[illegible]