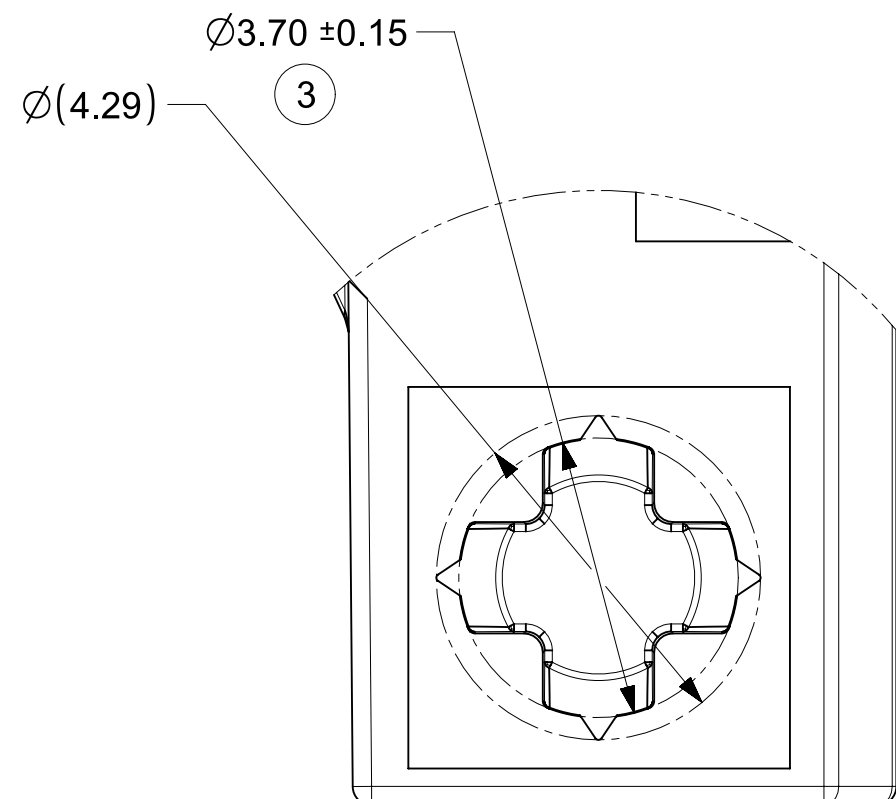
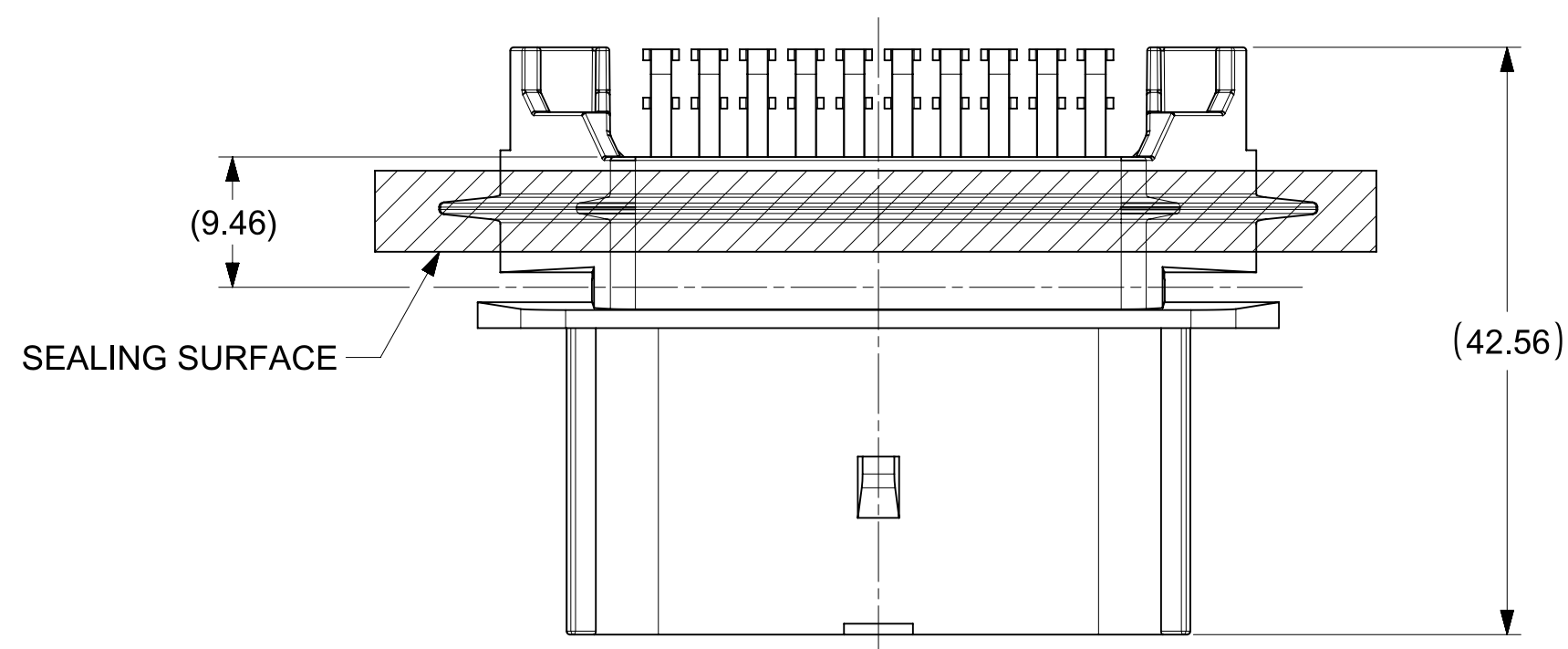
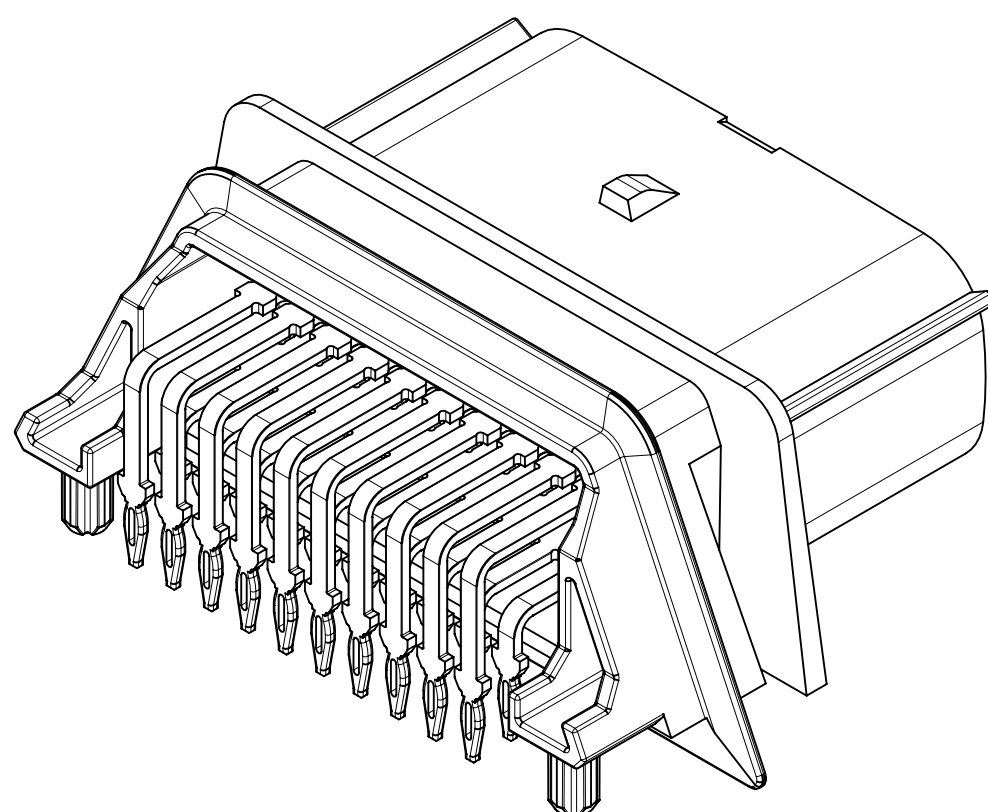
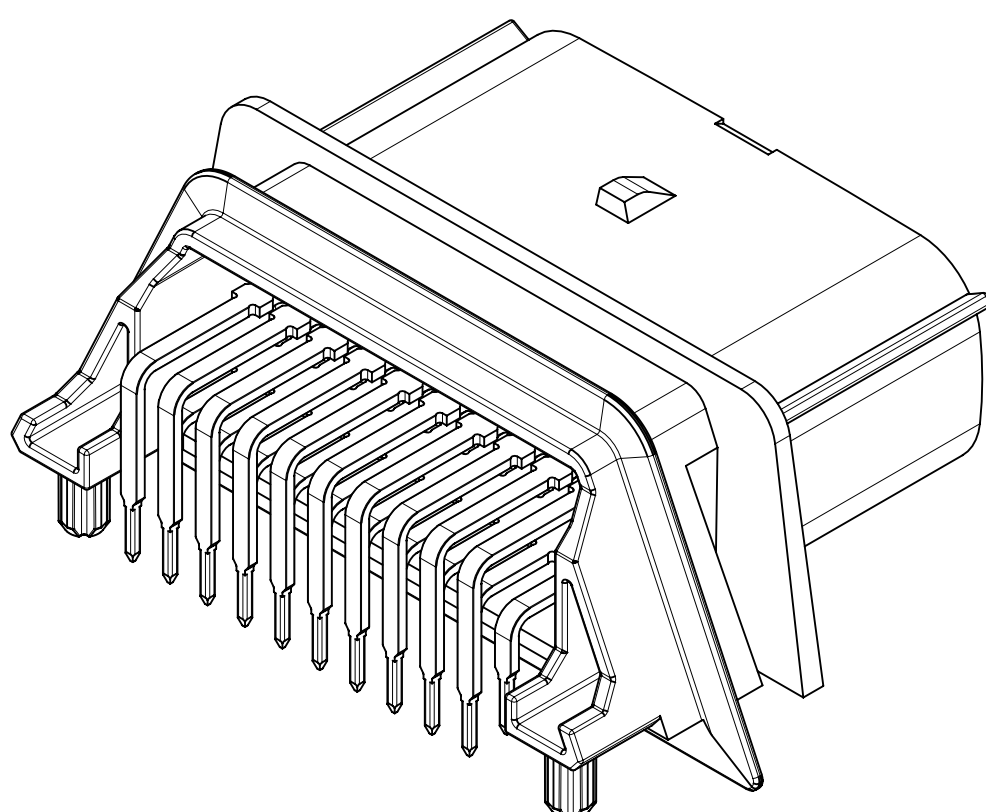




DETAIL A
SCALE 10:1



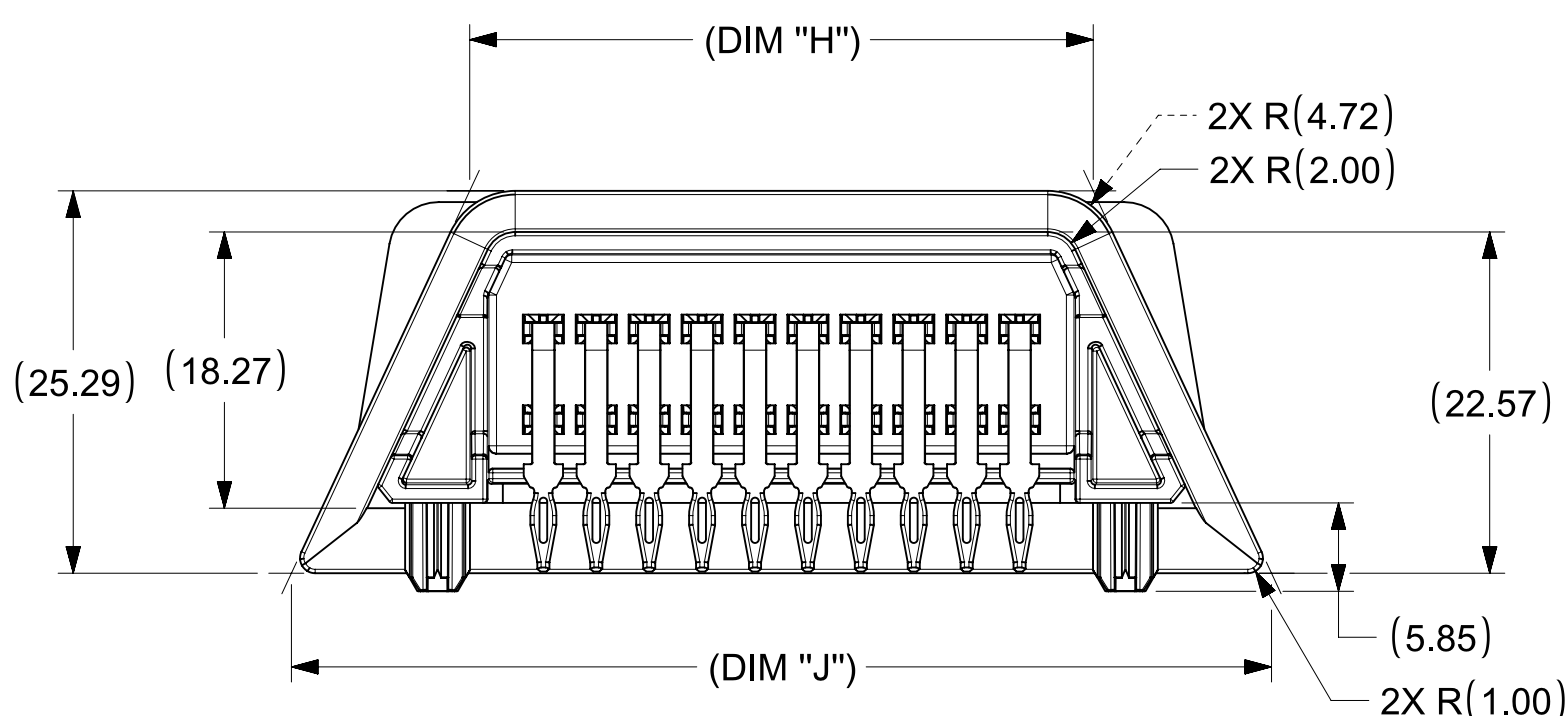
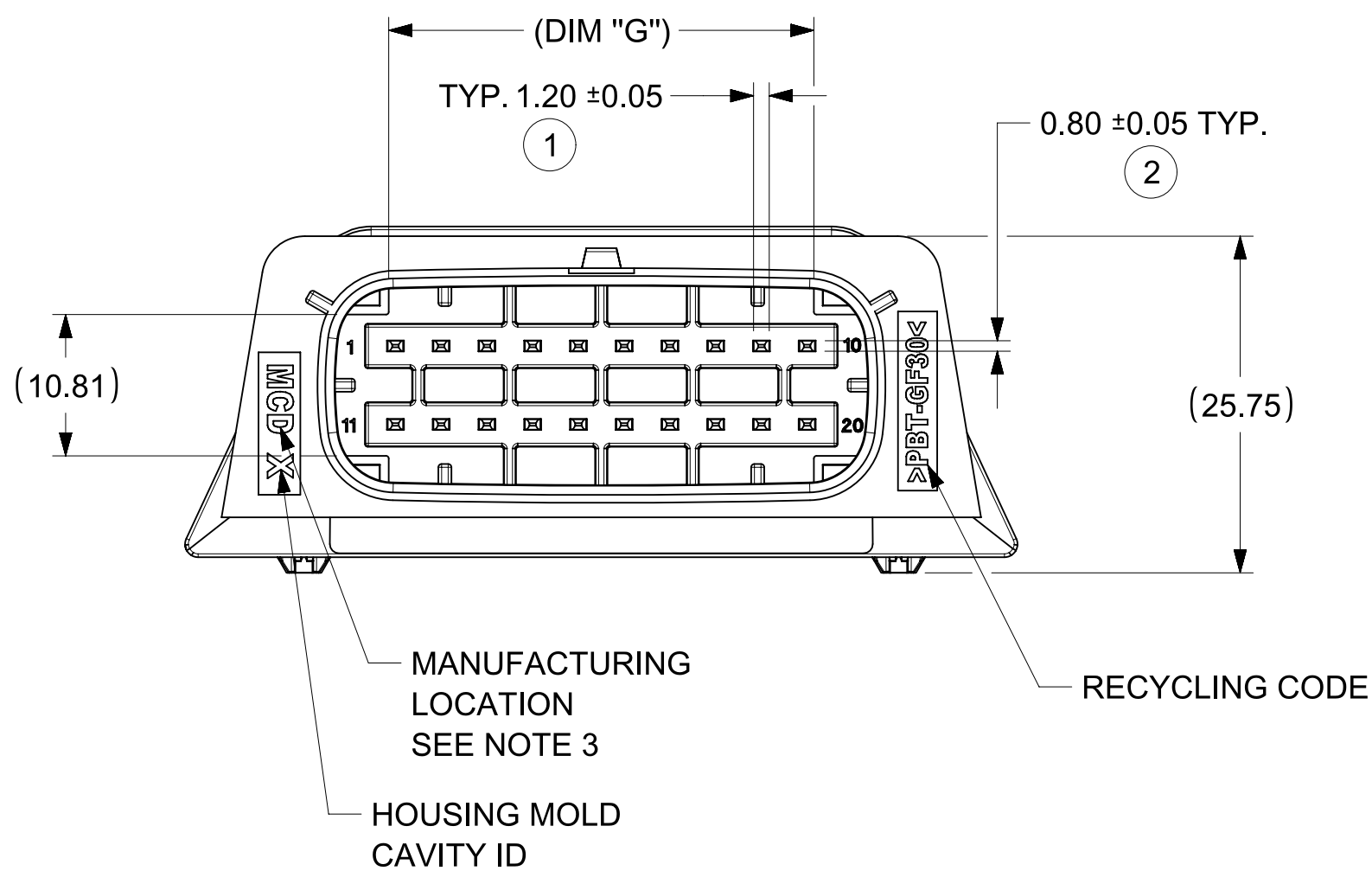
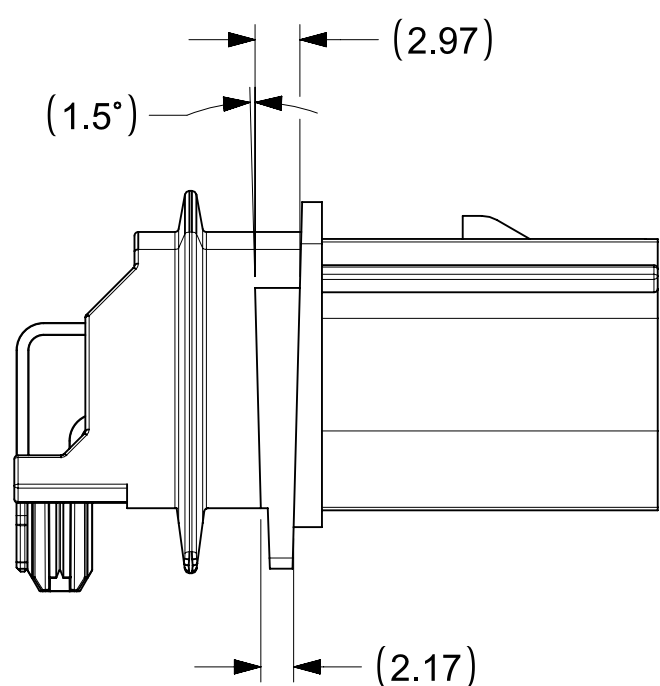
EON SHOWN
(2X10 SHOWN)



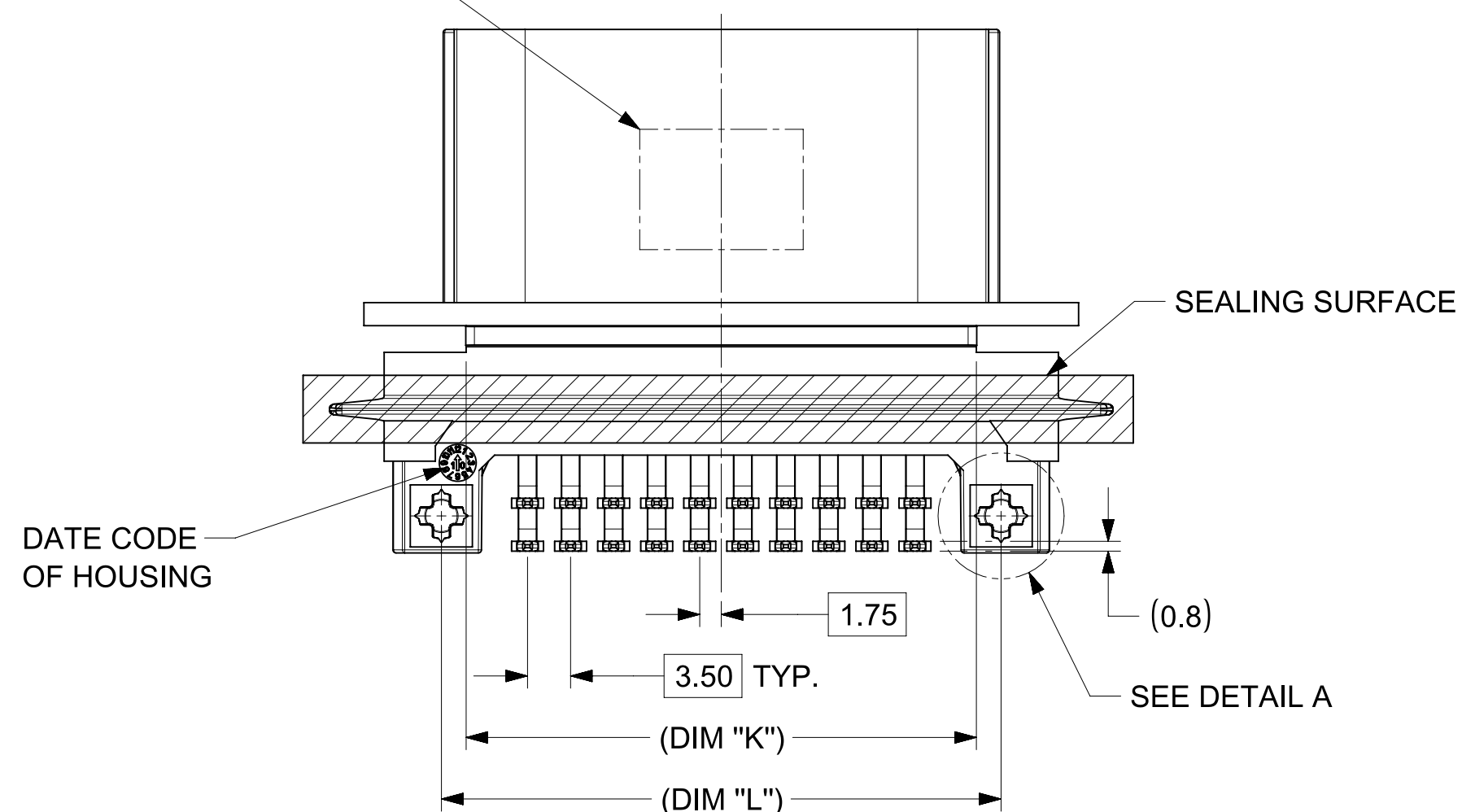
SOLDERTAIL SHOWN
(2X10 SHOWN)

NOTES UNLESS OTHERWISE SPECIFIED

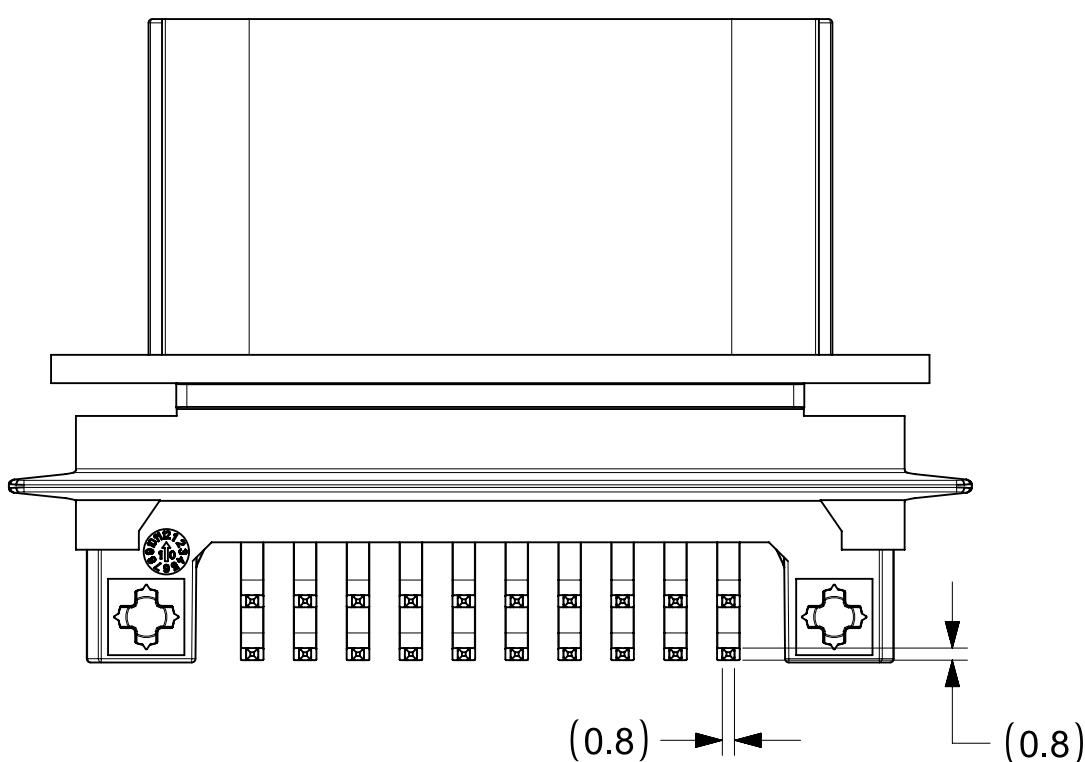
- GENERAL:
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: 2014040016
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - 1.5 PCB PRESS-FIT (COMPLIANT PIN) PER SD-31503-012 REV A
 - PCB INTENDED TO BE FR4 0.062" (1.6mm) THICK
- DESIGN - MATERIALS:
 - HOUSING: PBT 30%GF.
 - TERMINAL:
 - SOLDER VERSION: COPPER ALLOY.
 - COMPLIANT VERSION: COPPER ALLOY.
- DESIGN - GEOMETRY:
 - 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.
 - PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - LETTERING SHALL BE 0.15 MAX RAISED. THIS INCLUDES RECYCLING CODE, CAVITY ID, MANUFACTURING LOCATION, AND MOLEX MATERIAL NUMBER.
- TRUE POSITIONS OF THE EONS AND SOLDERTAIL TO BE VERIFIED WITH A FUNCTIONAL GO/NO GO GAUGE.
- ALL DIMENSIONS APPLY TO THE PART AS SHIPPED FROM MOLEX. FINAL POSITIONING IS ACHEIVED WITH PCB APPLICATION TOOLING. REFERENCE AS-34829-001.
- 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
- TRUE POSITION OF THE MATE SIDE CONNECTOR TO BE VERIFIED WITH A GO/NO-GO FUNCTIONAL GAGE
- ALL DIMENSION WITH OUT BALLOONS ARE NOT MEASURED. SURROGATE DATA FROM THE COMPONENT PRINT WILL BE USED TO MEET DIMENSIONAL REQUIREMENTS.
- EON (COMPLIANT PIN) DESIGN REQUIRES AN ASSEMBLY FIXTURE FOR INSTALLATION.



LASER MARKING TO BE SHOWN
IN THIS LOCATION
SEE NOTE 6



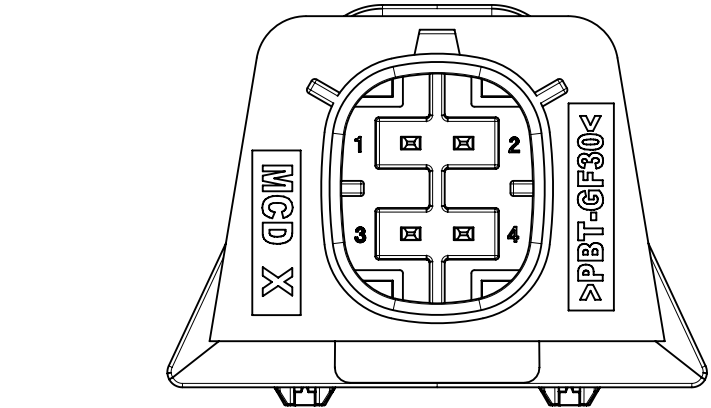
EON DESIGN



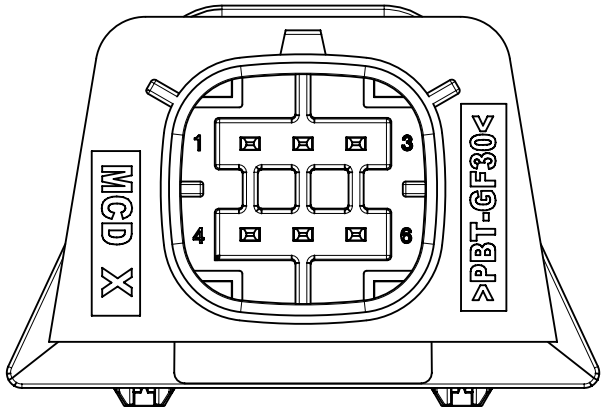
SOLDERTAIL DESIGN

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: ADDED 2 COLOR CODES AND 4 PNs WITH GOLD PLATING AT CONTACT AREA FOR 2*4 HEADER				molex										
mm		2:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		±	3°	EC NO: CO-000001796 DRWN: Yu Chao Fu 22-Nov-2022 CHK'D: Elvis Song 06-Dec-2022 APPR: Colin Zhang 16-Dec-2022				MX150 DUAL ROW R/A HEADER ASSEMBLY									
4 PLACES		±	0														
3 PLACES		±	0														
2 PLACES		±	0.13														
1 PLACE		±	0.25														
0 PLACES		±	0	INITIAL REVISION: DRWN: RFC_PLMIMP APPR:				PRODUCT SALES DRAWING									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION								DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
													SD-34829-001		PSD	001	A5
				D-SIZE	34829	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER							
						SEE SHEET 2		GENERAL MARKET		1 OF 3							

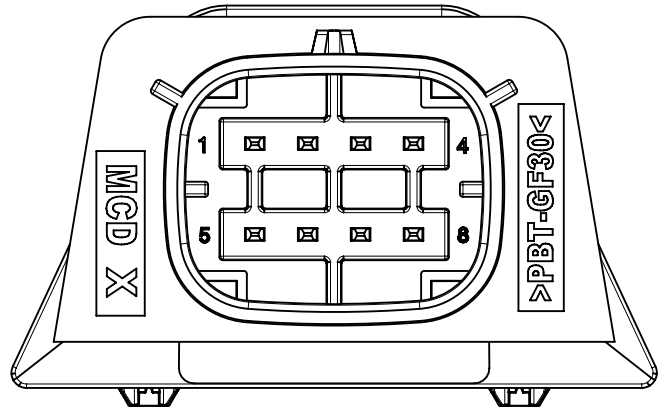
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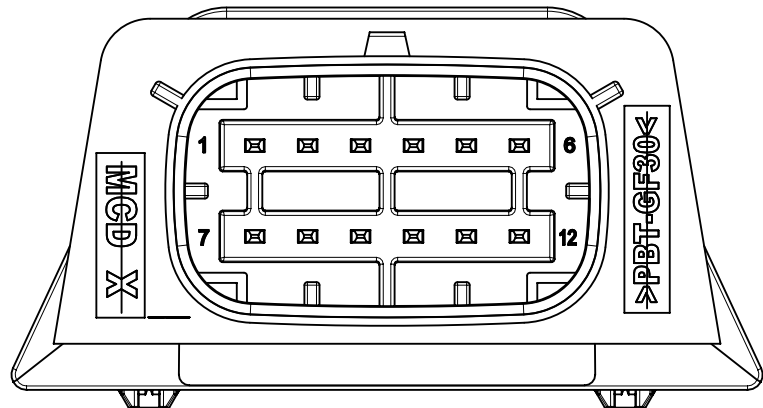
34829-04XX
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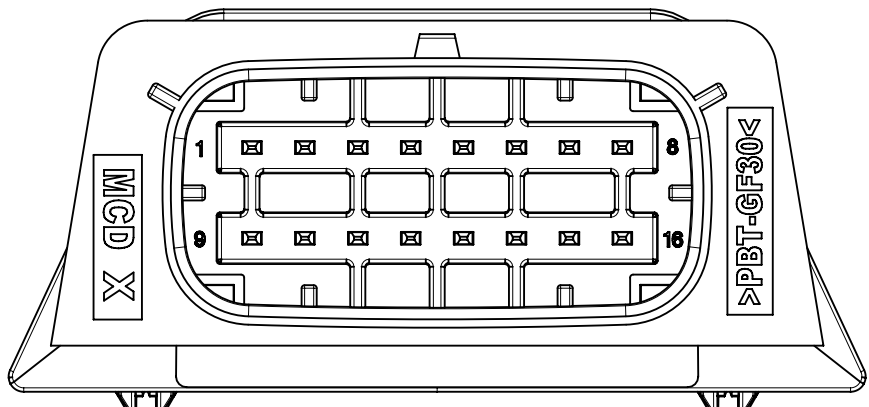
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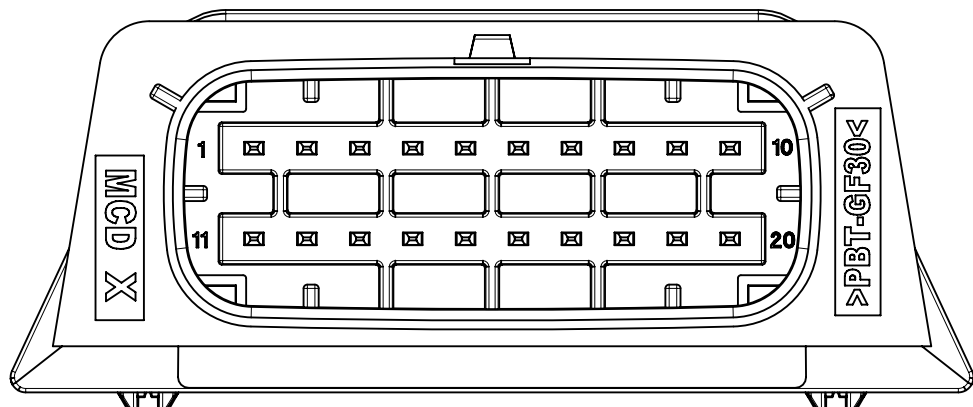
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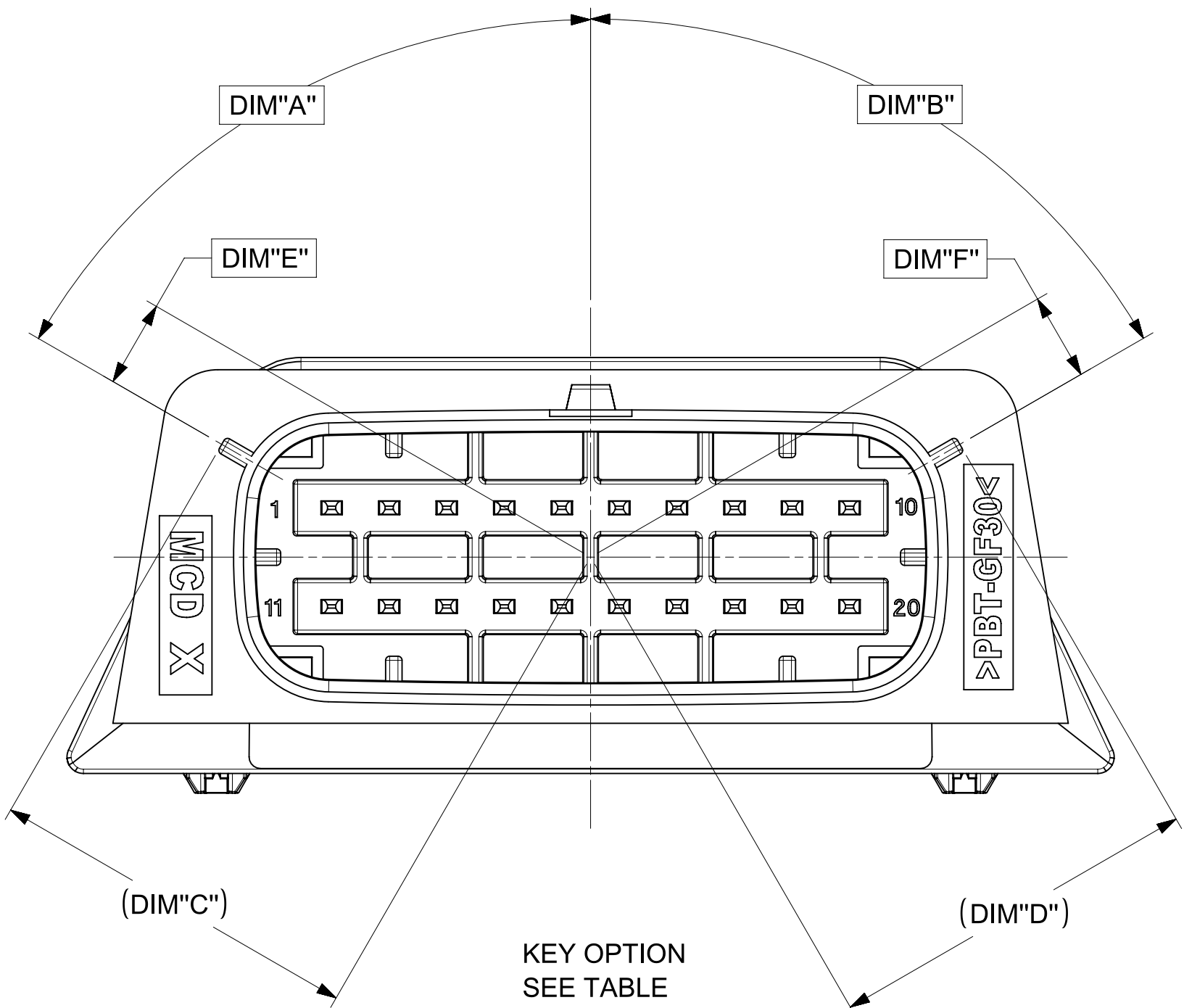
34829-12XX
34830-12XX



34829-16XX
34830-16XX



34829-20XX
34830-20XX



MATERIAL NUMBER			DESCRIPTION	KEY CODING	COLOR	DIMENSION											STATUS	
EON	SOLDERTAIL	A5CONTACT AREA PLATING TYPE				A	B	C	D	E	F	G	H	J	K	L	EON	SOLDERTAIL
348290401	348300401	Sn	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	Sn	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	Sn	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							NOT RECOMMENDED SEE 348300805
348290803	348300803			C	DK GRAY	60°	25°	13.78	12.67	0.02	3.53						-	SALEABLE
348290804	348300804			D	BLACK	25°	25°	12.67	12.67	3.53	3.53							
-	348300805			B	LT GRAY-1	25°	60°	12.67	13.78	3.53	0.02							
-	348300806			D	STONE GRAY	25°	25°	12.67	12.67	3.53	3.53							
-	348300851	A		BLACK	60°	60°	13.78	13.78	0.02	0.02								
-	348300852	B		LT GRAY-1	25°	60°	12.67	13.78	3.53	0.02								
-	348300853	C		DK GRAY	60°	25°	13.78	12.67	0.02	3.53								
-	348300854	D		STONE GRAY	25°	25°	12.67	12.67	3.53	3.53								
348291201	348301201	Sn	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	Sn	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	Sn	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						-	SALEABLE
-	348302007			D	LT GARY	25°	25°	17.10	17.10	13.05	13.05							

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3°

4 PLACES ± 0

3 PLACES ± 0

2 PLACES ± 0.13

1 PLACE ± 0.25

0 PLACES ± 0

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

D-SIZE

SERIES

34829

CURRENT REV DESC: ADDED 2 COLOR CODES AND 4 PNs WITH GOLD PLATING AT CONTACT AREA FOR 2*4 HEADER

EC NO: CO-000001796

DRWN: Yu Chao Fu

CHK'D: Elvis Song

APPR: Colin Zhang

INITIAL REVISION:
DRWN: RFC_PLMIMP
APPR:

22-Nov-2022

06-Dec-2022

16-Dec-2022

molex

MX150 DUAL ROW
R/A HEADER ASSEMBLY

PRODUCT SALES DRAWING

DOCUMENT NUMBER

SD-34829-001

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

DOC TYPE

PSD

DOC PART

001

REVISION

A5

DOCUMENT STATUS

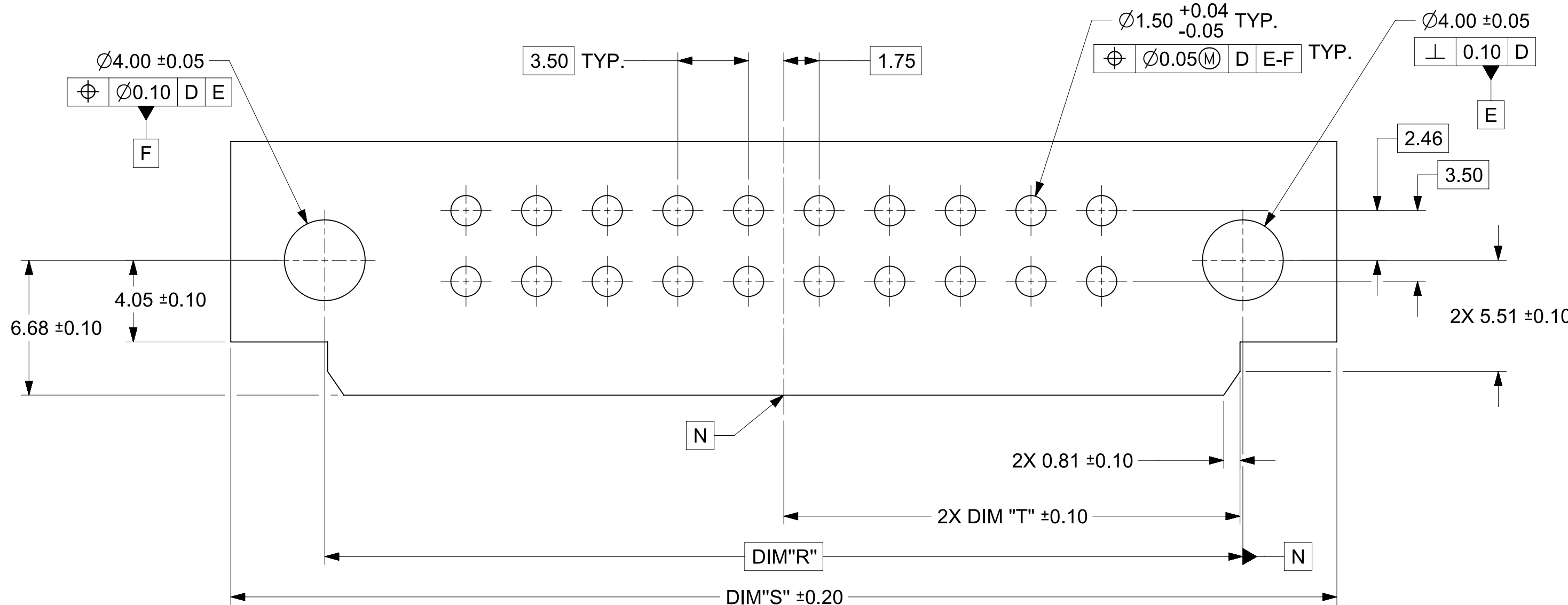
Approved

RELEASE DATE

16-Dec-2022 03:49:48

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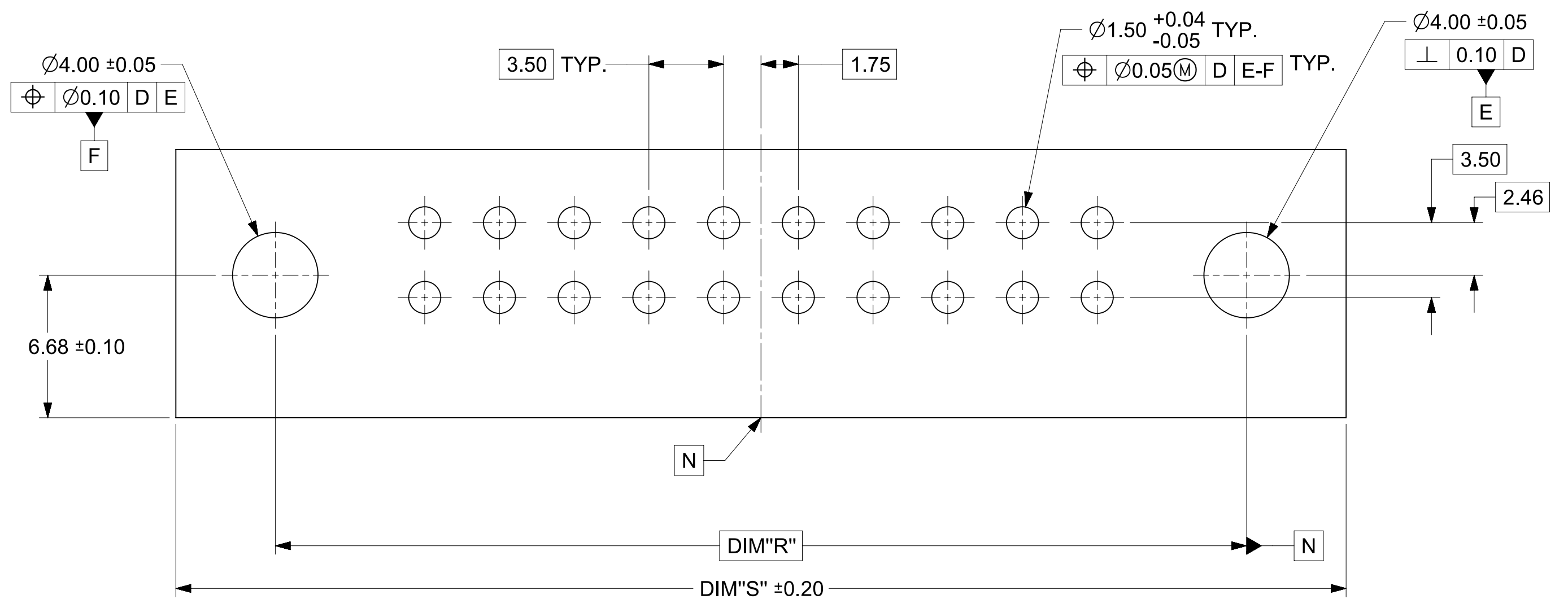
(FOR REFERENCE ONLY)



PCB LAYOUT FOR EON
TOWARD HARNESS CONNECTOR



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
2X5 HEADER	31.50	40.82	15.61
2X6 HEADER	38.50	47.82	19.11
2X10 HEADER	45.50	54.82	22.61

PCB LAYOUT FOR SOLDERTAIL
TOWARD HARNESS CONNECTOR

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE 5:1		CURRENT REV DESC: ADDED 2 COLOR CODES AND 4 PINS WITH GOLD PLATING AT CONTACT AREA FOR 2'4 HEADER			molex				
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 3 °		EC NO: CO-000001796			22-Nov-2022			MX150 DUAL ROW R/A HEADER ASSEMBLY			
4 PLACES ± 0		DRWN: Yu Chao Fu									
3 PLACES ± 0		CHK'D: Elvis Song			06-Dec-2022			PRODUCT SALES DRAWING			
2 PLACES ± 0.13		APPR: Colin Zhang									
1 PLACE ± 0.25		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES ± 0		DRWN: RFC_PLMIMP			SD-34829-001		PSD	001	A5		
APPR:											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 34829		MATERIAL NUMBER SEE SHEET 2		CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 3

DOCUMENT STATUS	Approved	RELEASE DATE	16-Dec-2022	03:49:48
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