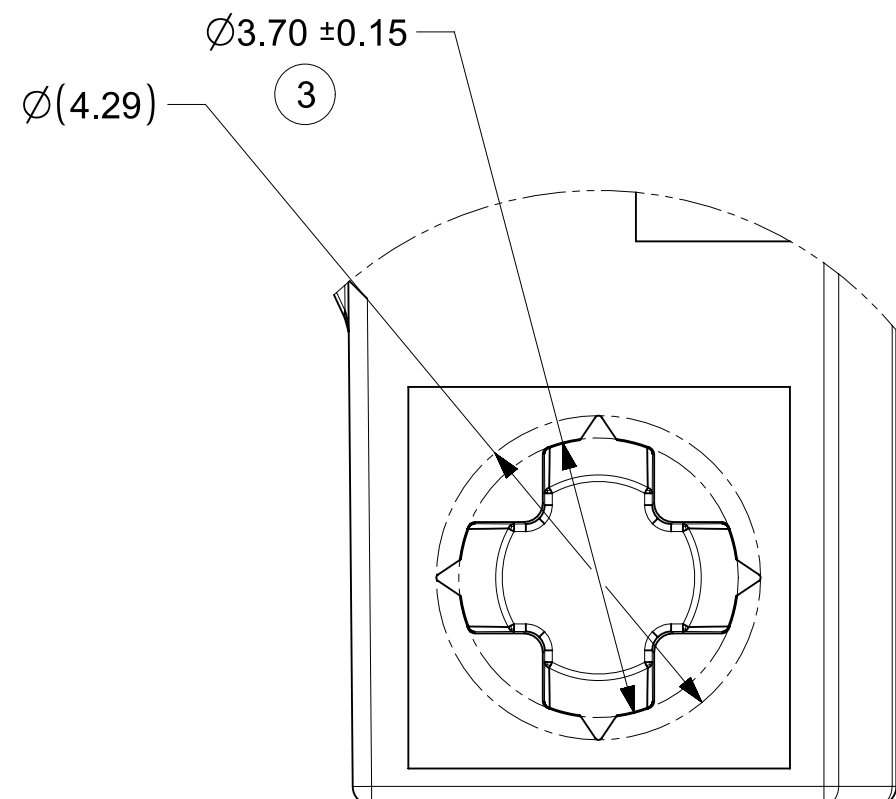
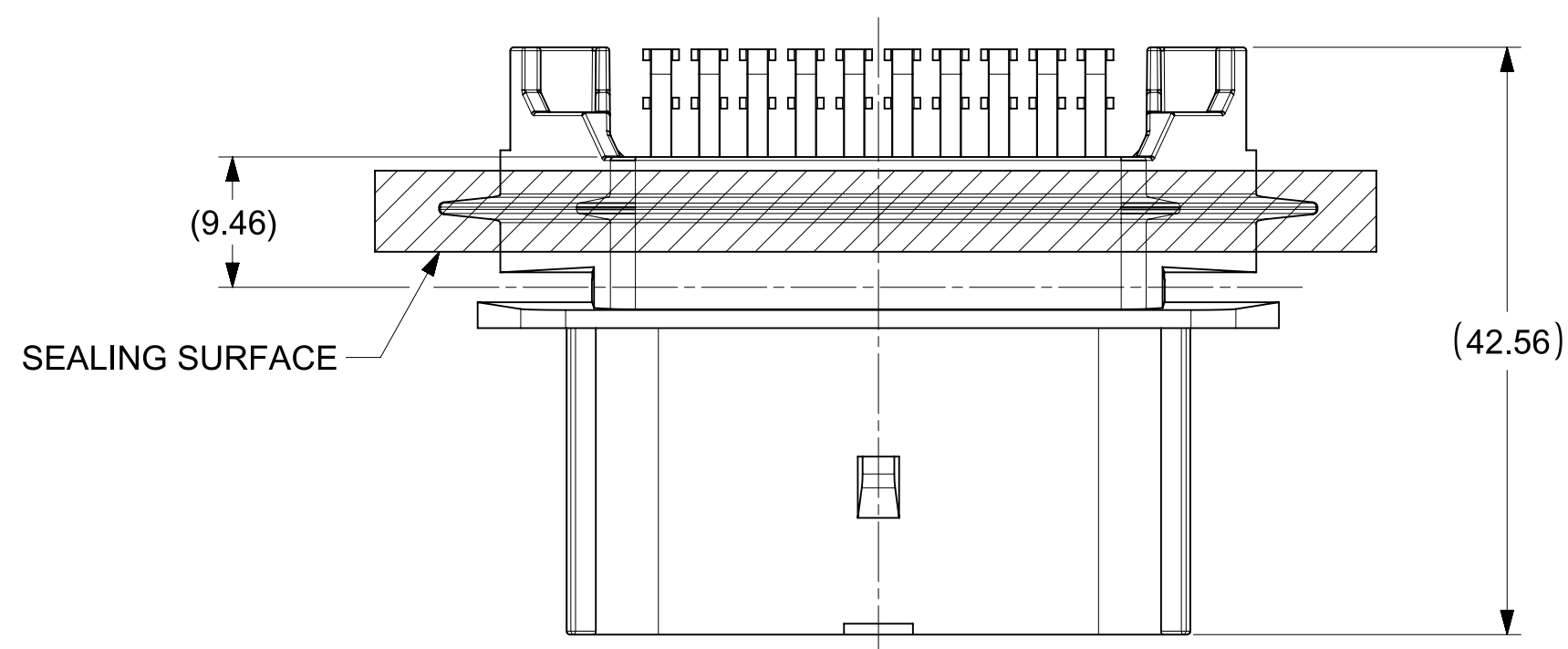
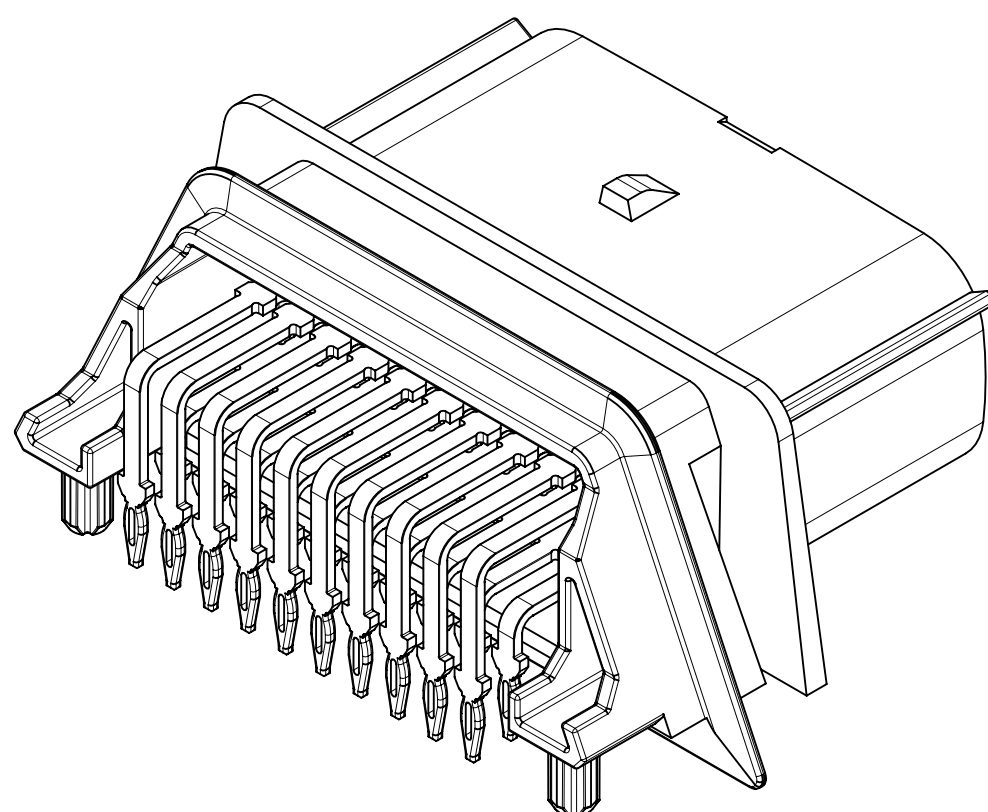
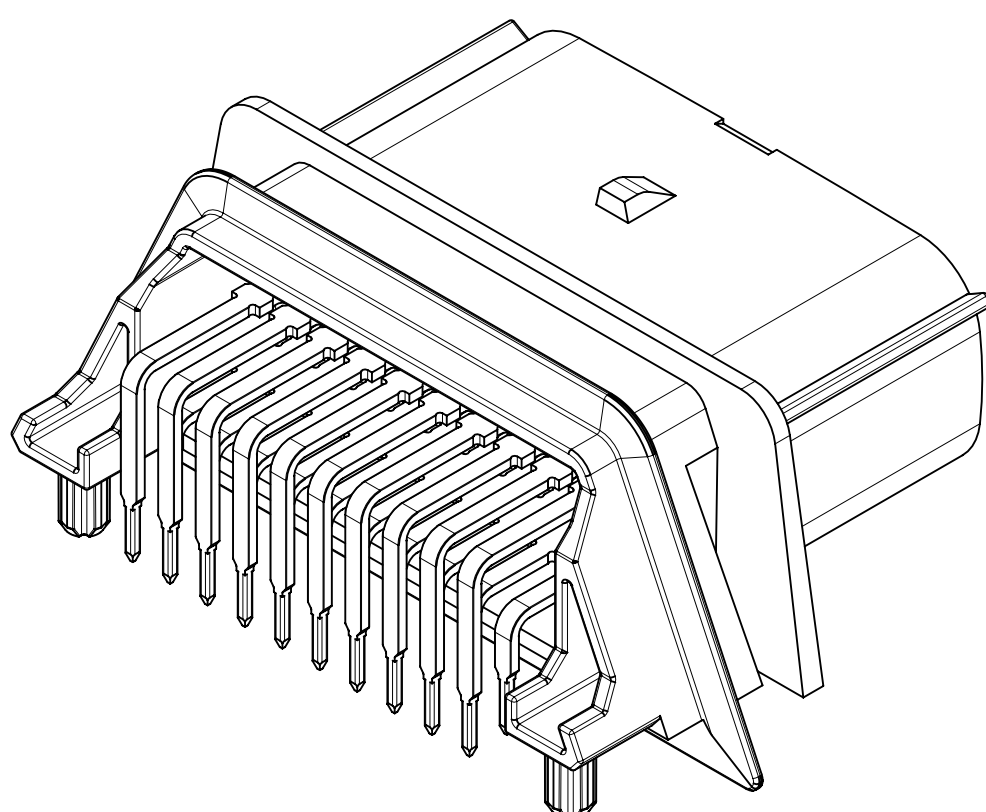




DETAIL A
SCALE 10:1



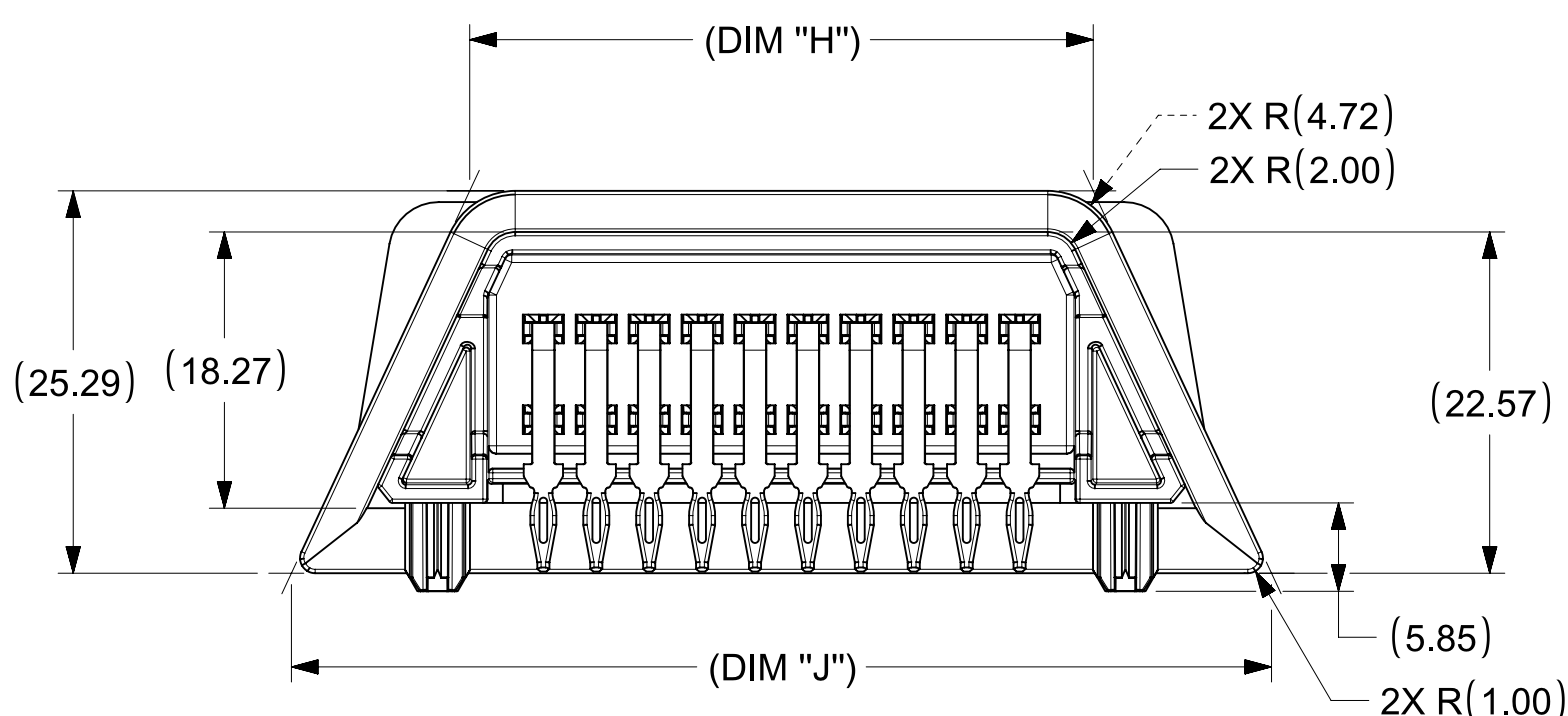
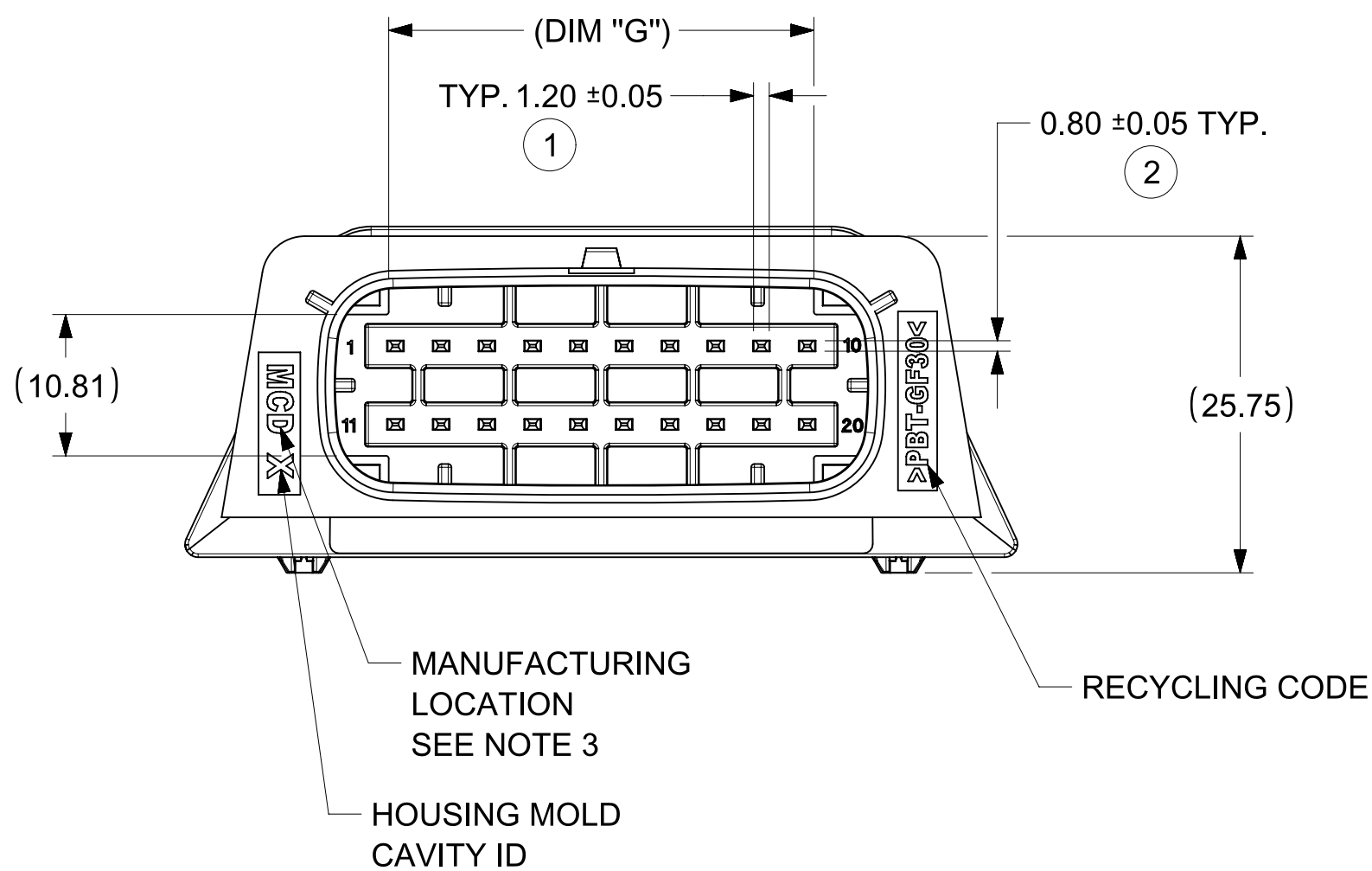
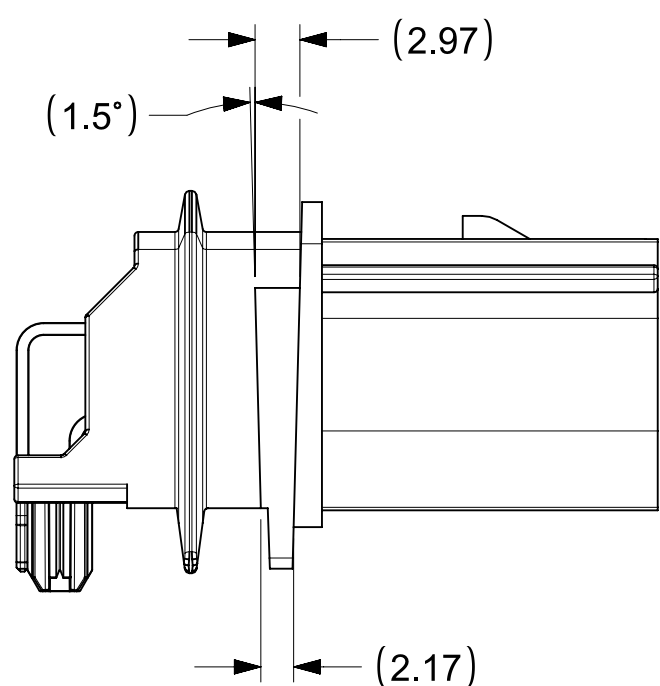
EON SHOWN
(2X10 SHOWN)



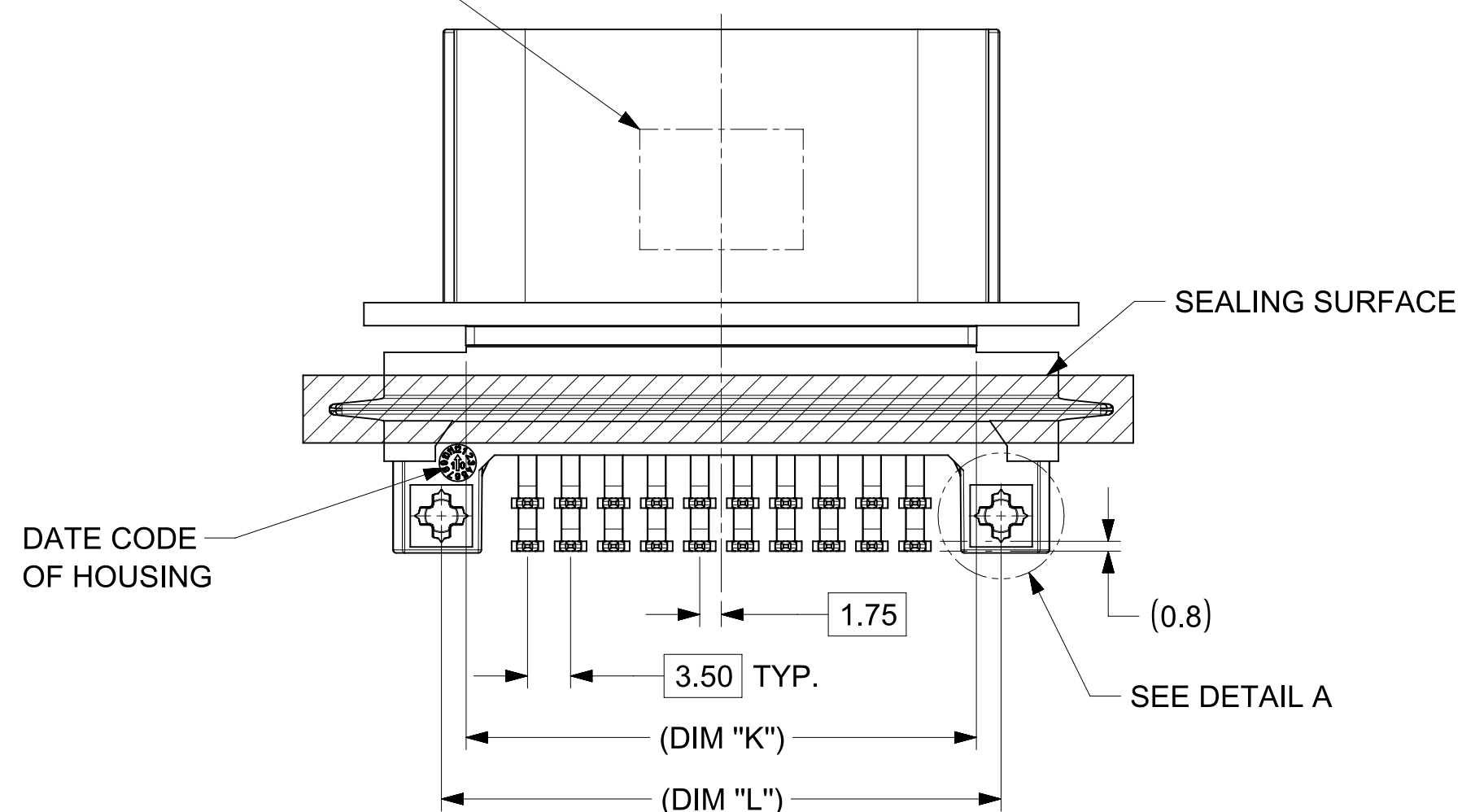
SOLDERTAIL SHOWN
(2X10 SHOWN)

NOTES UNLESS OTHERWISE SPECIFIED

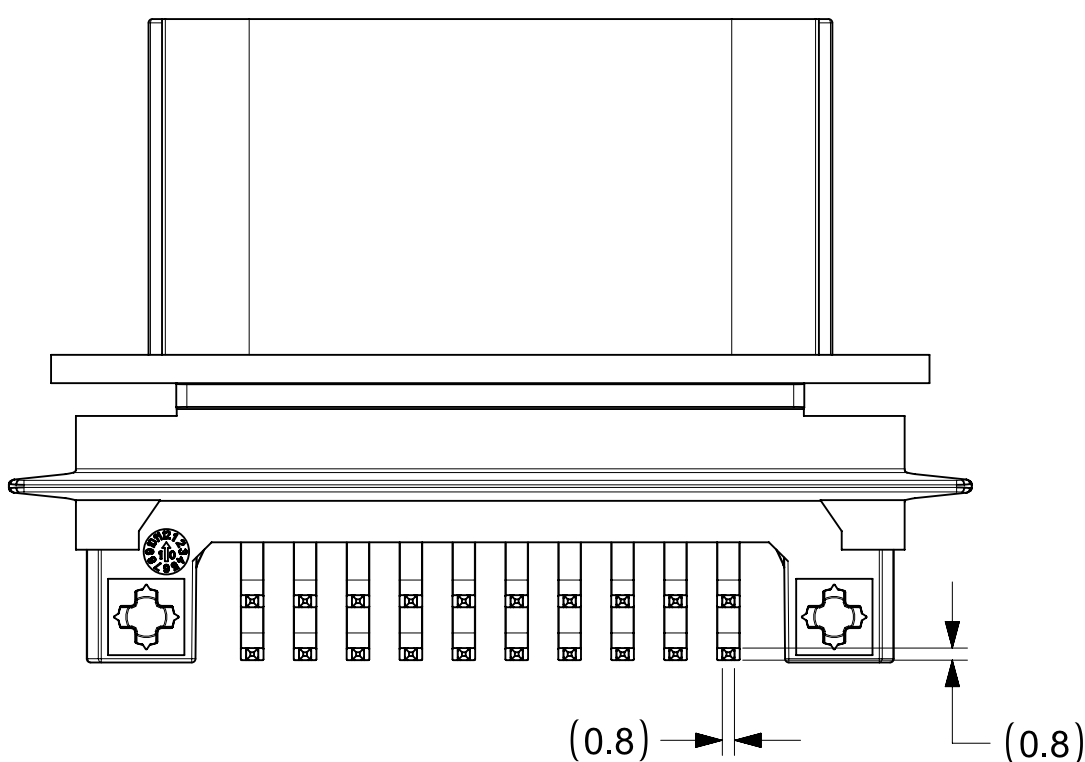
- GENERAL:
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: 2014040016
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - 1.5 PCB PRESS-FIT (COMPLIANT PIN) PER SD-31503-012 REV A
 - PCB INTENDED TO BE FR4 0.062" (1.6mm) 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



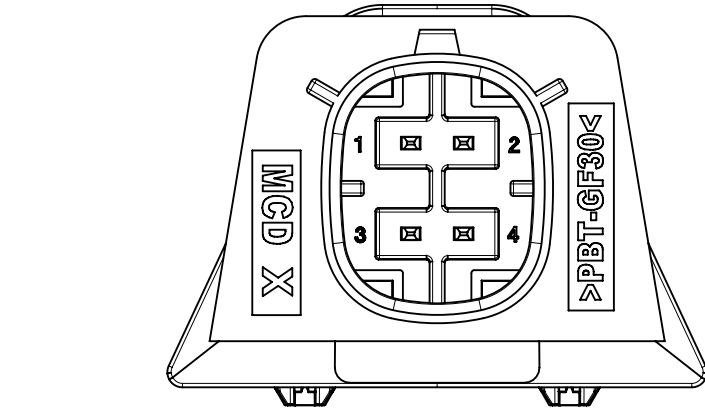
EON DESIGN



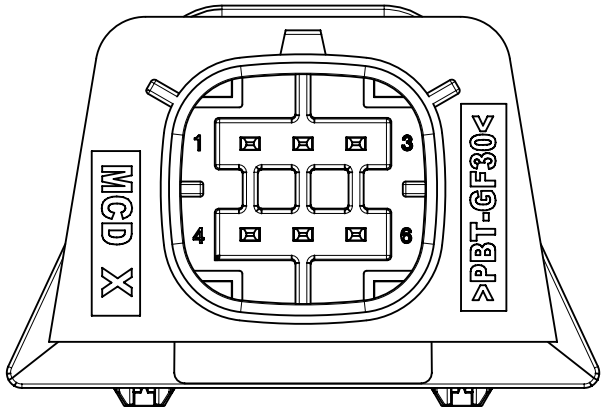
SOLDERTAIL DESIGN

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	
			D-SIZE	34829	SD-34829-001		PSD	001	A5	
					MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
					SEE SHEET 2		GENERAL MARKET		1 OF 3	

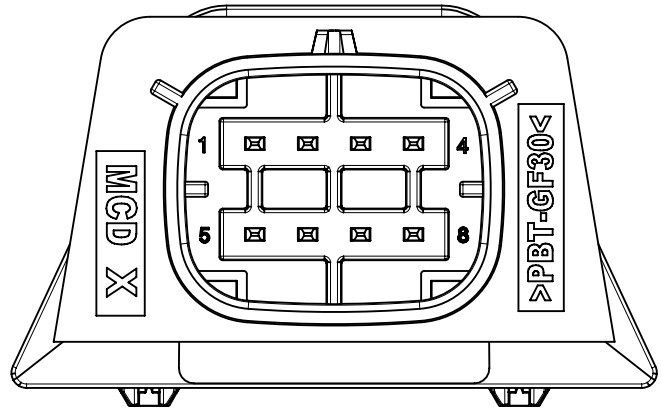
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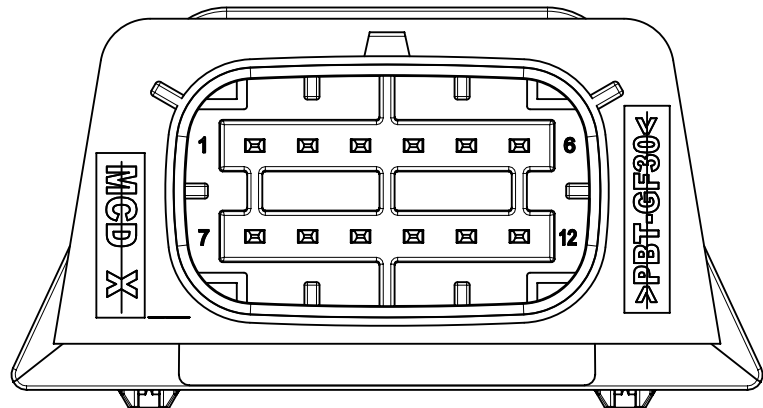
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34830-04XX



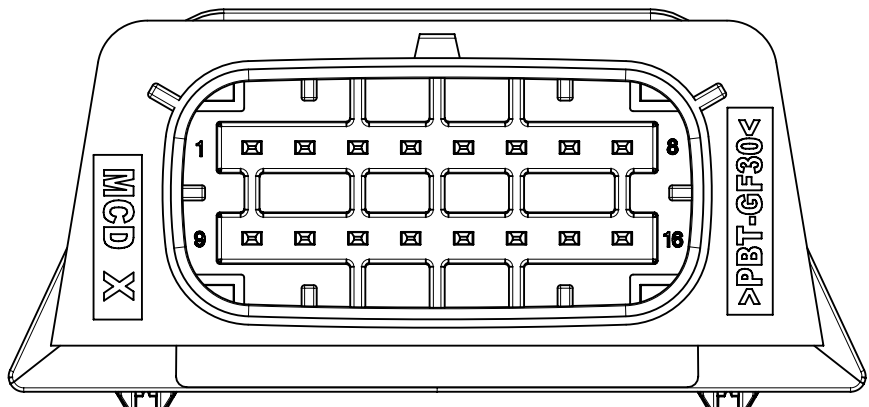
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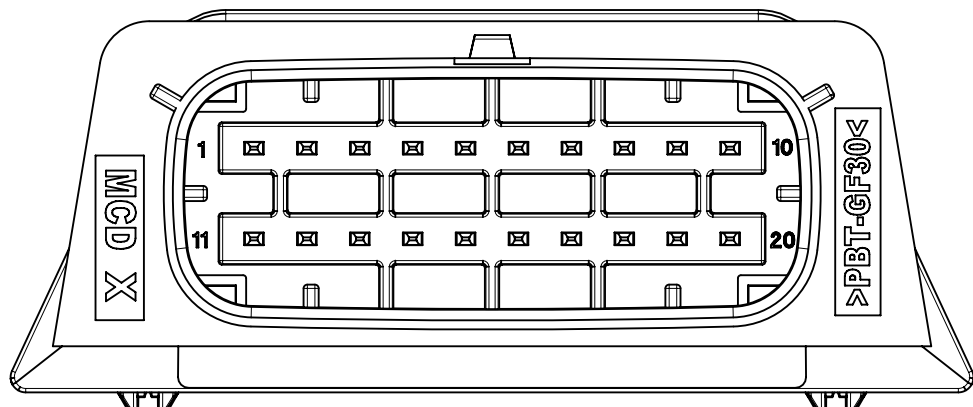
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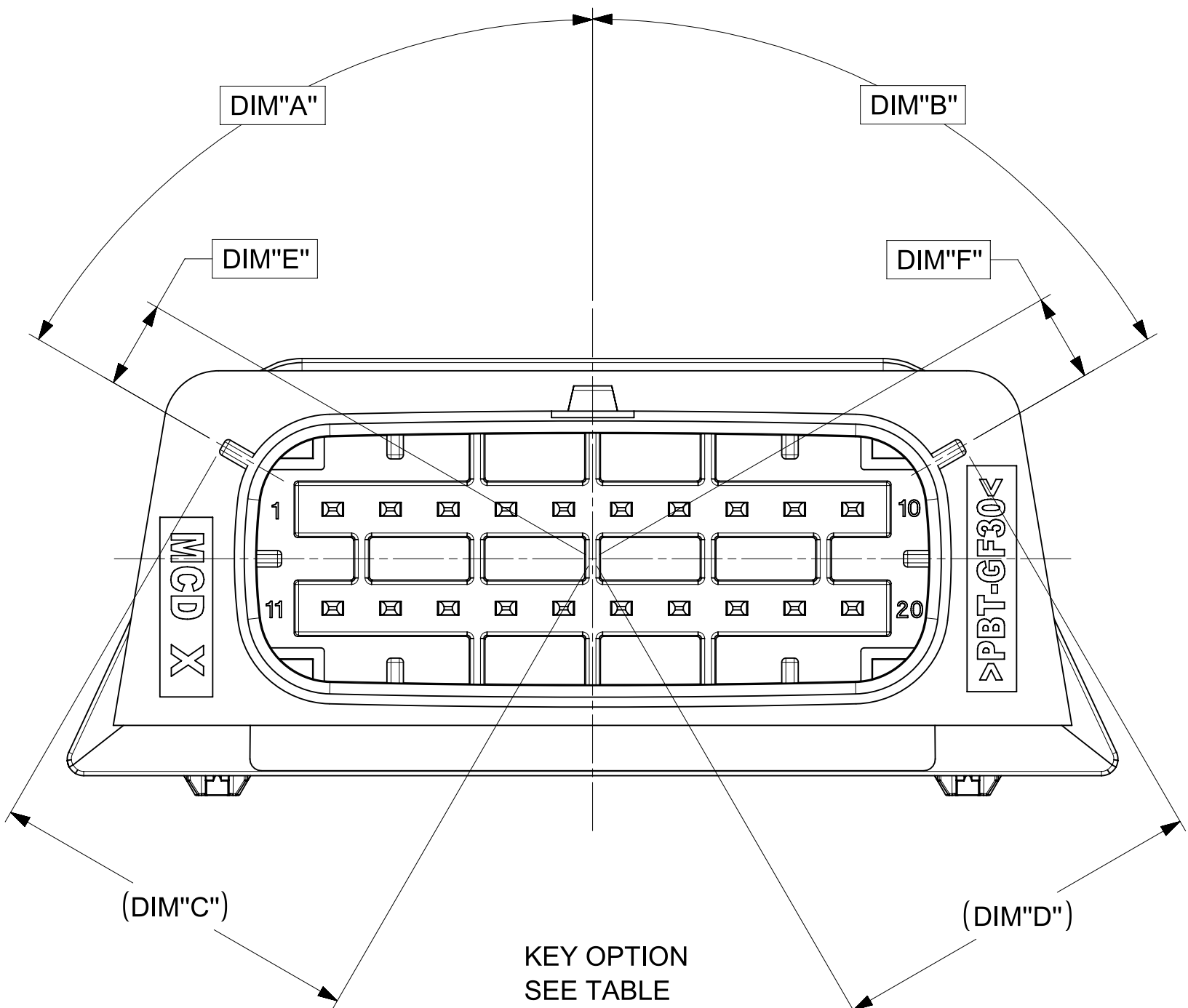
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34830-12XX



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								
348290804	348300804			D	BLACK	25°	25°	12.67	12.67	3.53	3.53								
-	348300805			Au	B	LT GRAY-1	25°	60°	12.67	13.78	3.53						0.02	-	SALEABLE
-	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								

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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

DOC TYPE

PSD

DOC PART

001

REVISION

A5

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

DOCUMENT STATUS

Approved

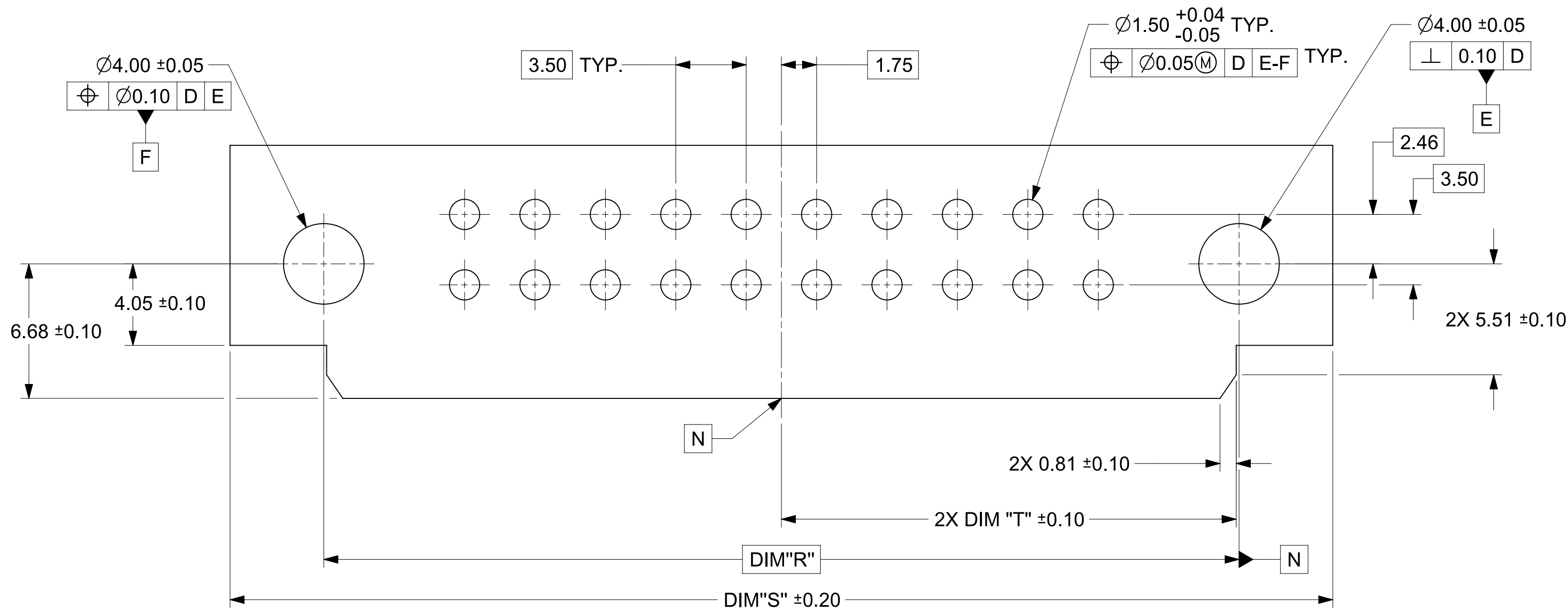
RELEASE DATE

16-Dec-2022 03:49:48

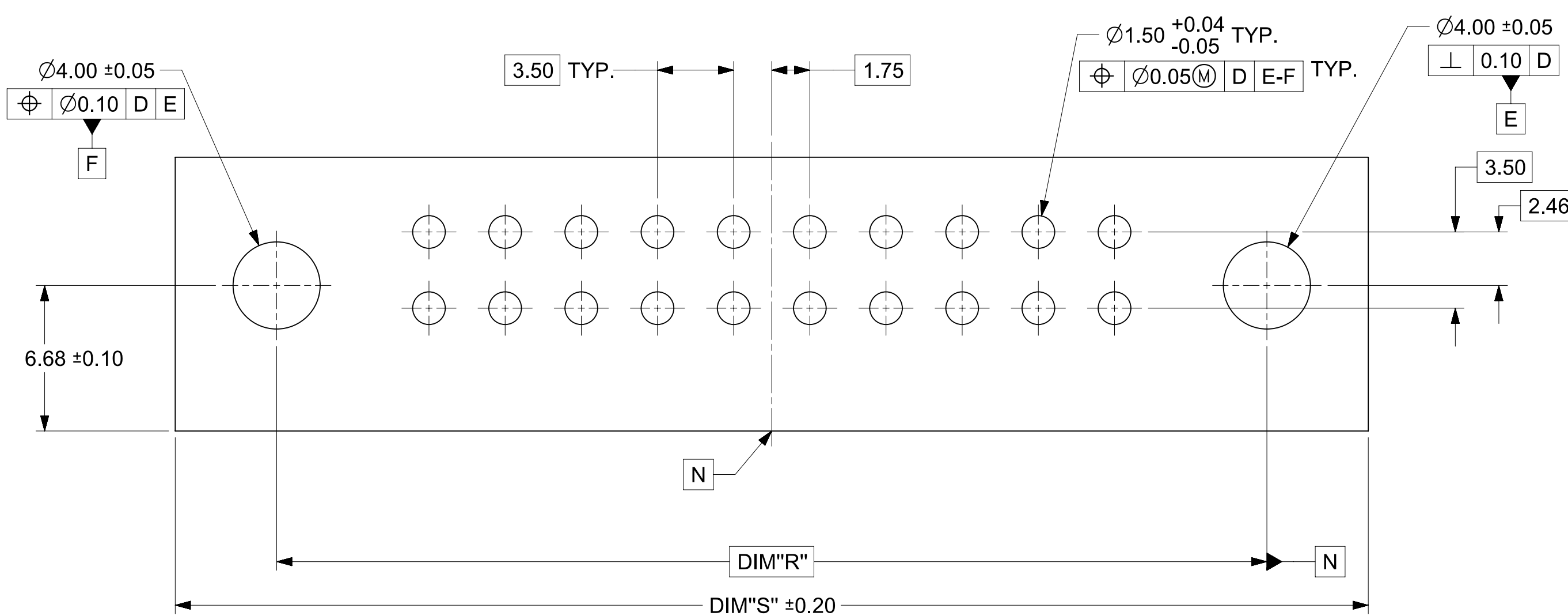
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PCB INTERFACE

(FOR REFERENCE ONLY)



PCB LAYOUT FOR EON
TOWARD HARNESS CONNECTOR



PCB LAYOUT FOR SOLDERTAIL
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

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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		5:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: CO-000001796 DRWN: Yu Chao Fu 22-Nov-2022 CHK'D: Elvis Song 06-Dec-2022 APPR: Colin Zhang 16-Dec-2022 INITIAL REVISION: DRWN: RFC_PLMIMP APPR:									
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		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						D-SIZE		34829		SEE SHEET 2		GENERAL MARKET		3 OF 3			
				DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION			
SD-34829-001						PSD		001		A5							
DOCUMENT STATUS						RELEASE DATE						SHEET NUMBER					
Approved						16-Dec-2022 03:49:48						3 OF 3					