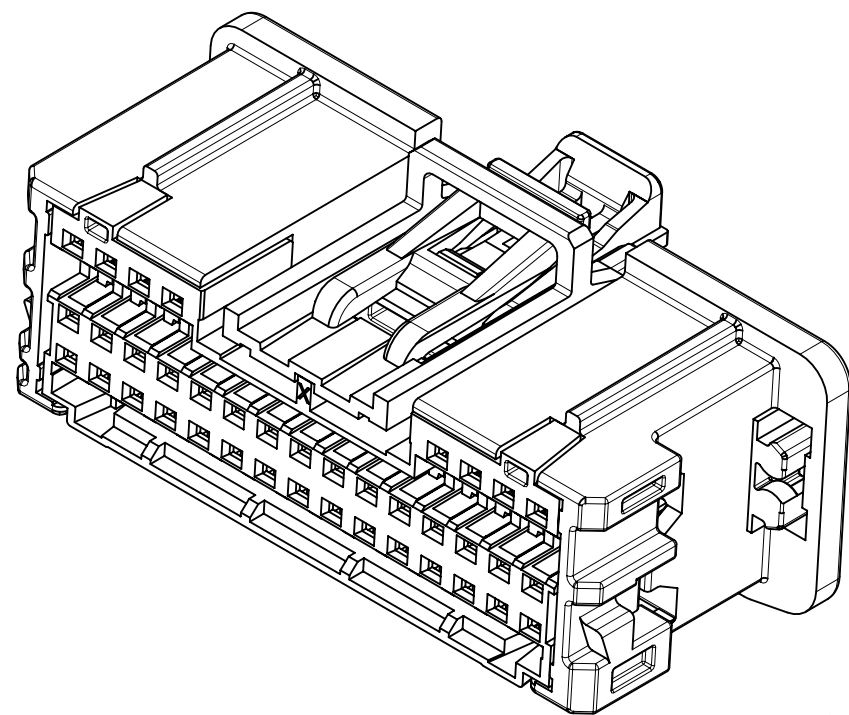
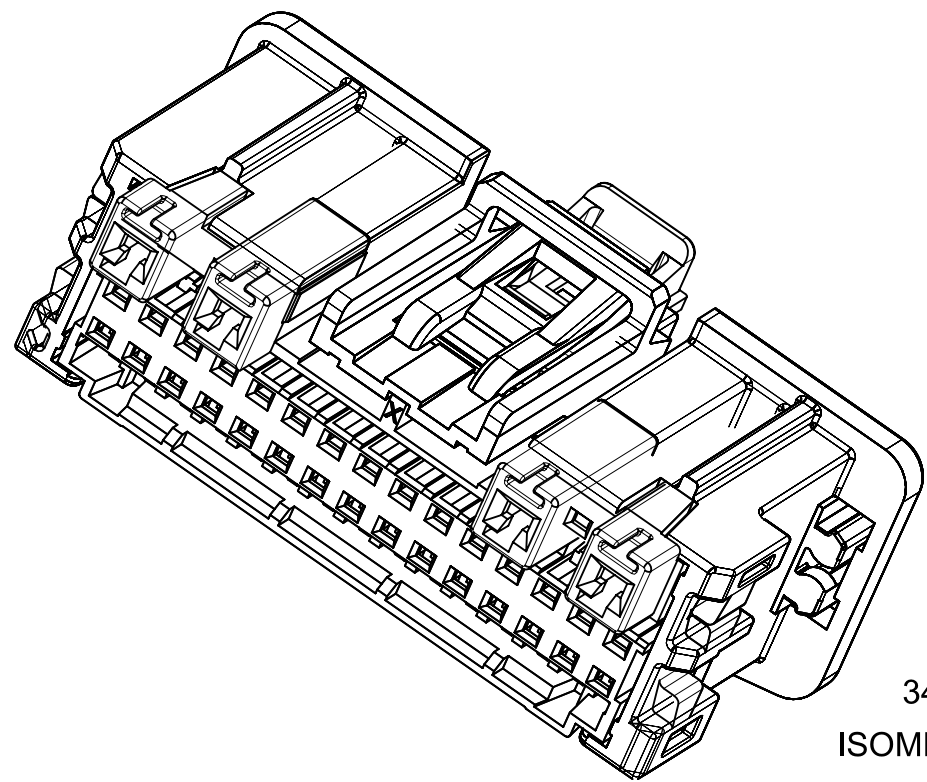
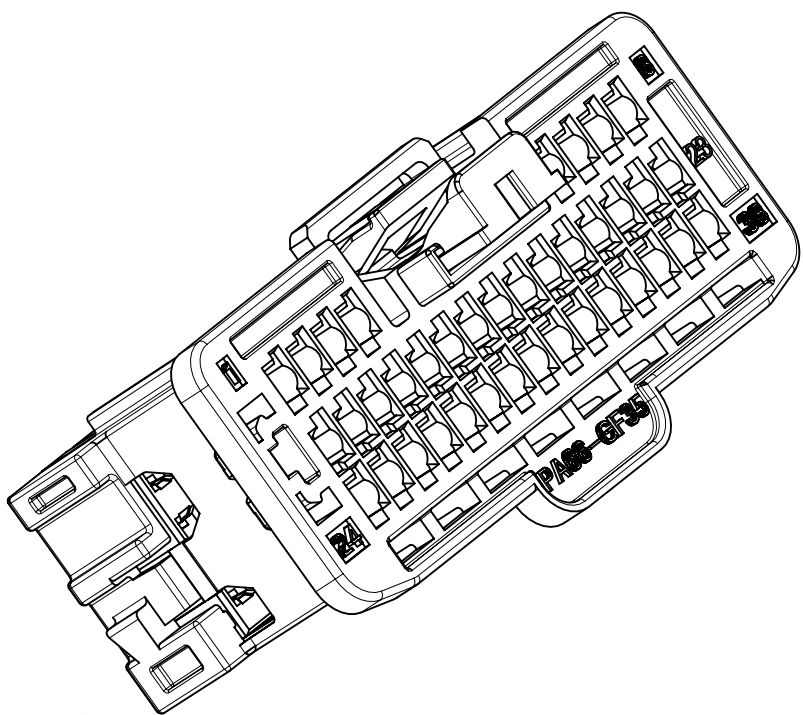


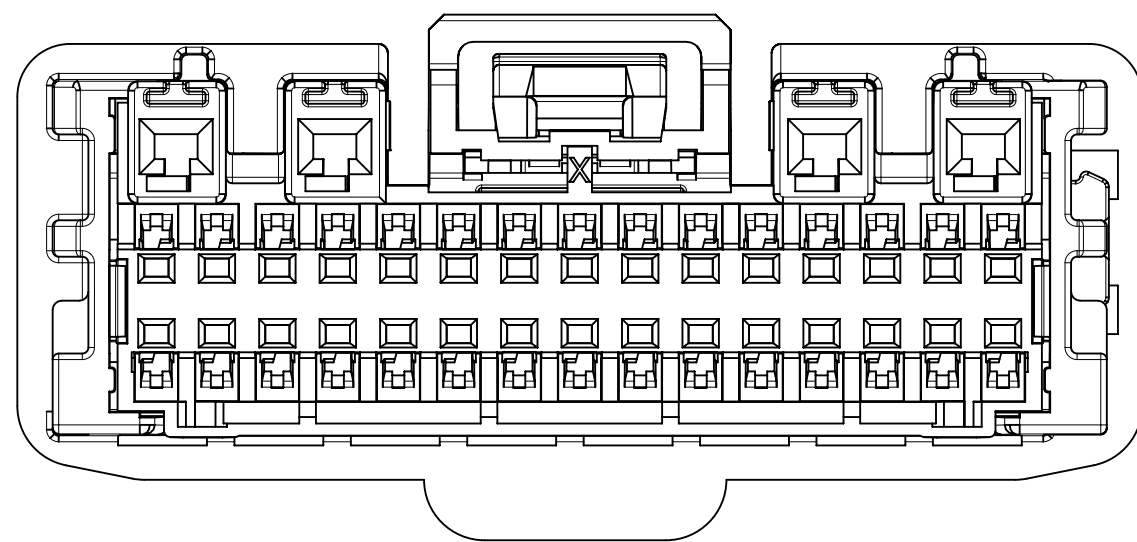
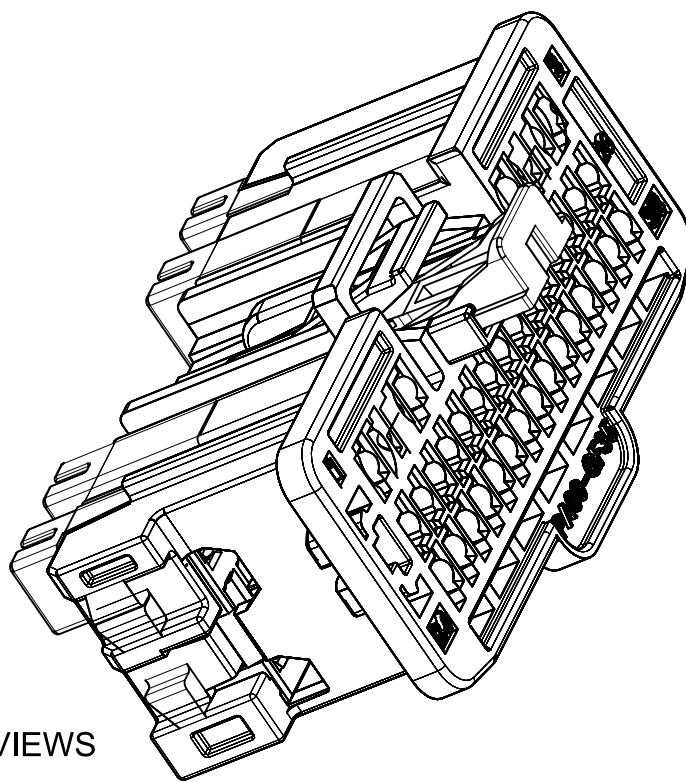
20	19	18	17	
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2	DETAIL DIMENSION VIEW			



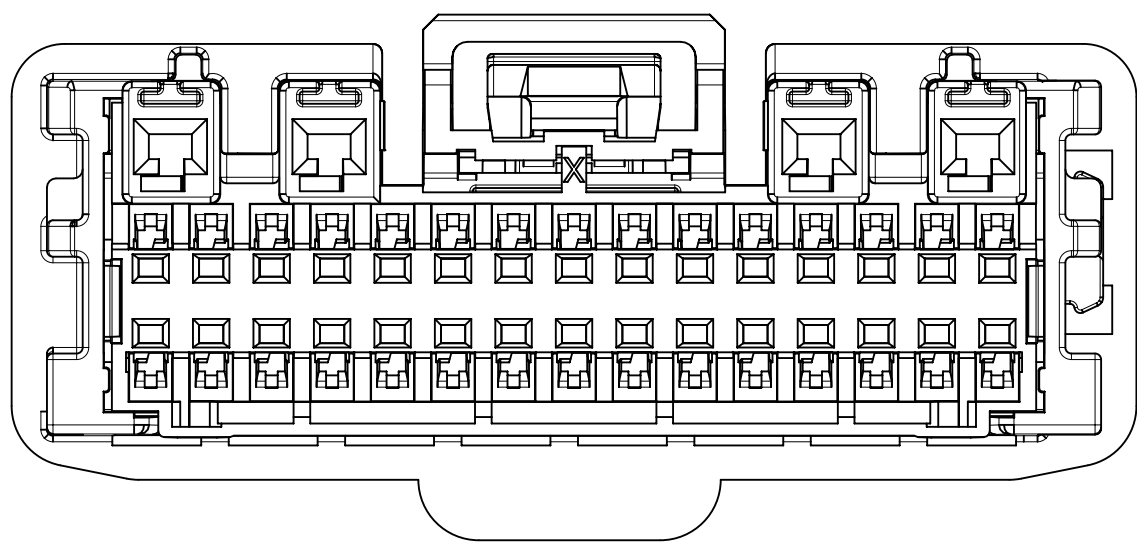
38 WAY
ISOMETRIC VIEWS
SCALE 3:1



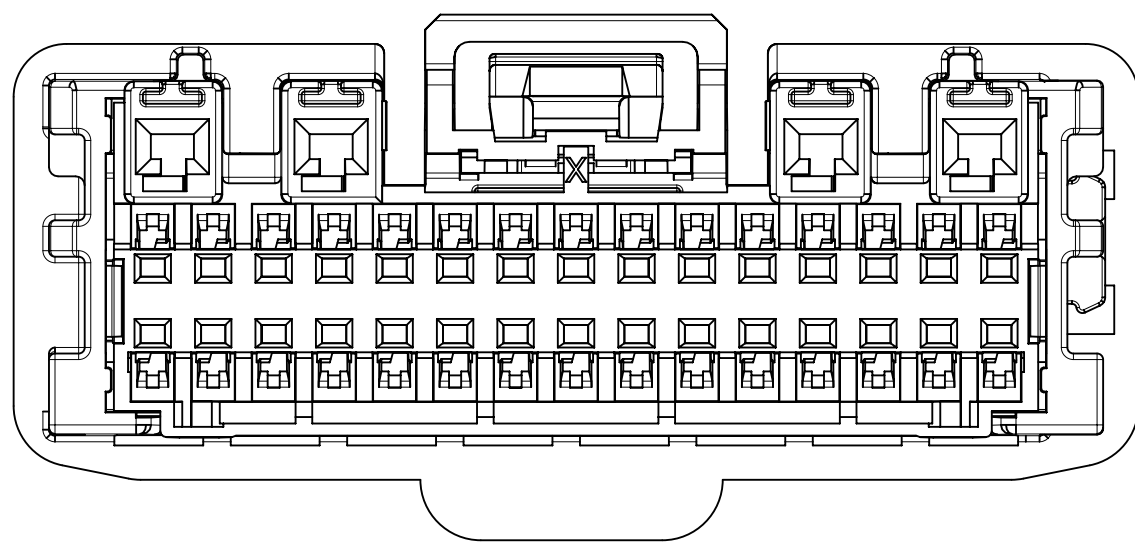
34 WAY
ISOMETRIC VIEWS
SCALE 3:1



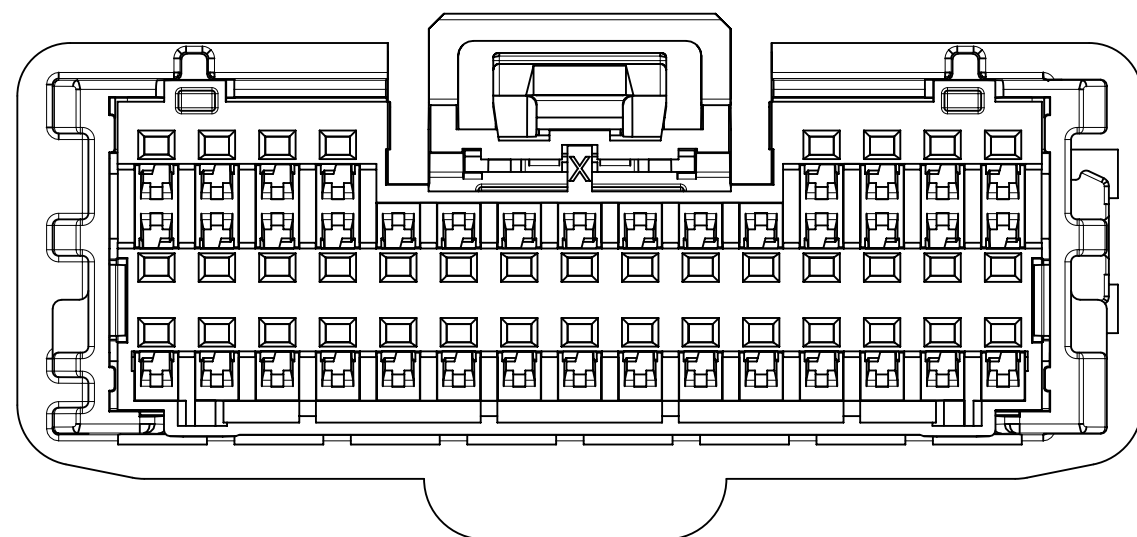
34 WAY POLARIZATION OPTION 'A'



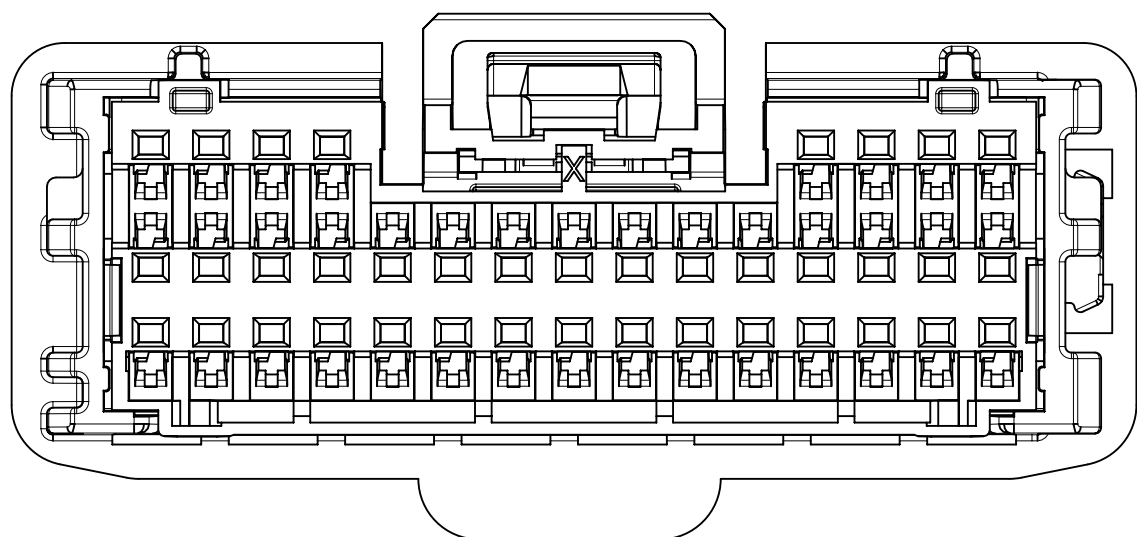
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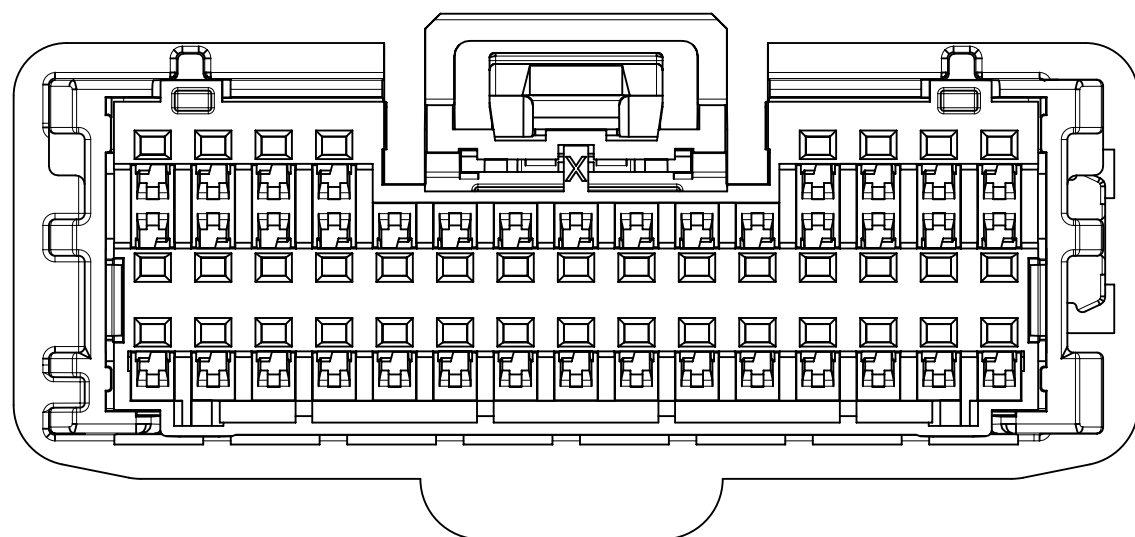
34 WAY POLARIZATIONOPTION 'C'



38 WAY POLARIZATION OPTION 'UPDATED A'



38 WAY POLARIZATION OPTION 'UPDATED B



38 WAY POLARIZATIONOPTION 'UPDATED C

MINI50 34&38 WAY RECEPTACLE ASSEMBLY LIST

MOLEX ASSEMBLY PART NO.'S (WITHOUT ISL)	ASSEMBLY STATUS	FLAMMABILIT Y UL94	CIRCUIT	POL	COLOR	MATING COMPONENT		SEPARATED ISL PN	STATUS
						VERTICAL HEADER	RIGHT ANGLE HEADER		
34959-1380	WITH CPA	HB	38	UPDATED A	BLACK	34958-0383	34961-0386 <u>A3</u>	34959-6301	SALEABLE
34959-1381	WITH CPA	HB	38	UPDATED B	GRAY	34958-0384	34961-0387 <u>A3</u>		SALEABLE
34959-1382	WITH CPA	HB	38	UPDATED C	DARK GRAY	34958-0385	34961-0388 <u>A3</u>		SALEABLE
34959-1383	\	HB	38	UPDATED A	BLACK	34958-0383	34961-0386 <u>A3</u>		SALEABLE
34959-1384	\	HB	38	UPDATED B	GRAY	34958-0384	34961-0387 <u>A3</u>		SALEABLE
34959-1385	\	HB	38	UPDATED C	DARK GRAY	34958-0385	34961-0388 <u>A3</u>		SALEABLE
34959-1340	WITH CPA	HB	34	A	BLACK	34958-0340	34961-0343 <u>A3</u>		SALEABLE
34959-1341	WITH CPA	HB	34	B	GRAY	34958-0341	34961-0344 <u>A3</u>		SALEABLE
34959-1342	WITH CPA	HB	34	C	DARK GRAY	34958-0342	34961-0345 <u>A3</u>		SALEABLE
34959-1343	\	HB	34	A	BLACK	34958-0340	34961-0343 <u>A3</u>		SALEABLE
34959-1344	\	HB	34	B	GRAY	34958-0341	34961-0344 <u>A3</u>	SALEABLE	
34959-1345	\	HB	34	C	DARK GRAY	34958-0342	34961-0345 <u>A3</u>	SALEABLE	

DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE													
		OVER	0	1	3	6	10	15	22	30	40	53	70	90	120
		UP TO	1	3	6	10	15	22	30	40	53	70	90	120	160
PRECISION	A		±0.10	±0.12	±0.14	±0.16	±0.20	±0.22	±0.24	±0.26	±0.28	±0.31	±0.35	±0.40	±0.50
ENGINEERING	B		±0.05	±0.06	±0.07	±0.08	±0.10	±0.12	±0.14	±0.16	±0.18	±0.21	±0.25	±0.30	±0.40
A: FOR NON-MOLD RELATED DIMENSIONS (ACROSS PARTING LINE)															
B: FOR MOLD RELATED DIMENSIONS (WITHIN MOLD COMPONENTS)															

CTX50 UNSEALED RECEPTACLE TERMINALS

PART NUMBER		MATERIAL	WIRE GAGE (mm²)	GRIP	STATUS
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)				
5600230448	5600230450	COPPER ALLOY	0.35	LARGE	PLAN OBSOLESCENCE IN 2024
5600230421	5600230423	COPPER ALLOY	0.22	MEDIUM	PLAN OBSOLESCENCE IN 2024
5600230444	5600230445	COPPER ALLOY	0.13	SMALL	PLAN OBSOLESCENCE IN 2024
5600230748	5600230750	COPPER ALLOY	0.35	LARGE	SALEABLE
5600230721	5600230723	COPPER ALLOY	0.22	MEDIUM	SALEABLE
5600230744	5600230745	COPPER ALLOY	0.13	SMALL	SALEABLE

TYCO MCON UNSEALED RECEPTACLE TERMINALS

PART NUMBER	MATERIAL	WIRE GAGE (mm ²)	GRIP
7-1452659	COPPER ALLOY	1.00 mm ² or 18 AWG	LARGE
7-1452656	COPPER ALLOY	0.50 - 0.75 mm ² or 20 AWG	MEDIUM
7-1452653	COPPER ALLOY	0.35 mm ² or 22 AWG	SMALL

INSPECTION BALLOON NUMBER LOG			
PER DRAWING REVISION: A4			
LAST BALLOON NUMBER USED: 5			
ADDED BALLOON NUMBERS:			
REMOVED BALLOON NUMBERS:			

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: 349590002-RAS
- b. PRODUCT SPECIFICATION SEE: PS-34959-001
- c. PACKAGING SPECIFICATION SEE: PK-31301-538
- d. ADAPTABLE ISL PART NUMBER LIST IN DRAWING: 349590002
- e. ISL PACKAGING DRAWING SEE: 348945000

2. DESIGN - MATERIALS:

- a. INNER HSG : PA66 GF35
- b. OUTER HSG: PA66 GF35
- d. CPA: PA66 GF50

3. DESIGN - GEOMETRY:

- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5X-2009
 - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
 - e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD.
- THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.

4. DESIGN - MANUFACTURING:

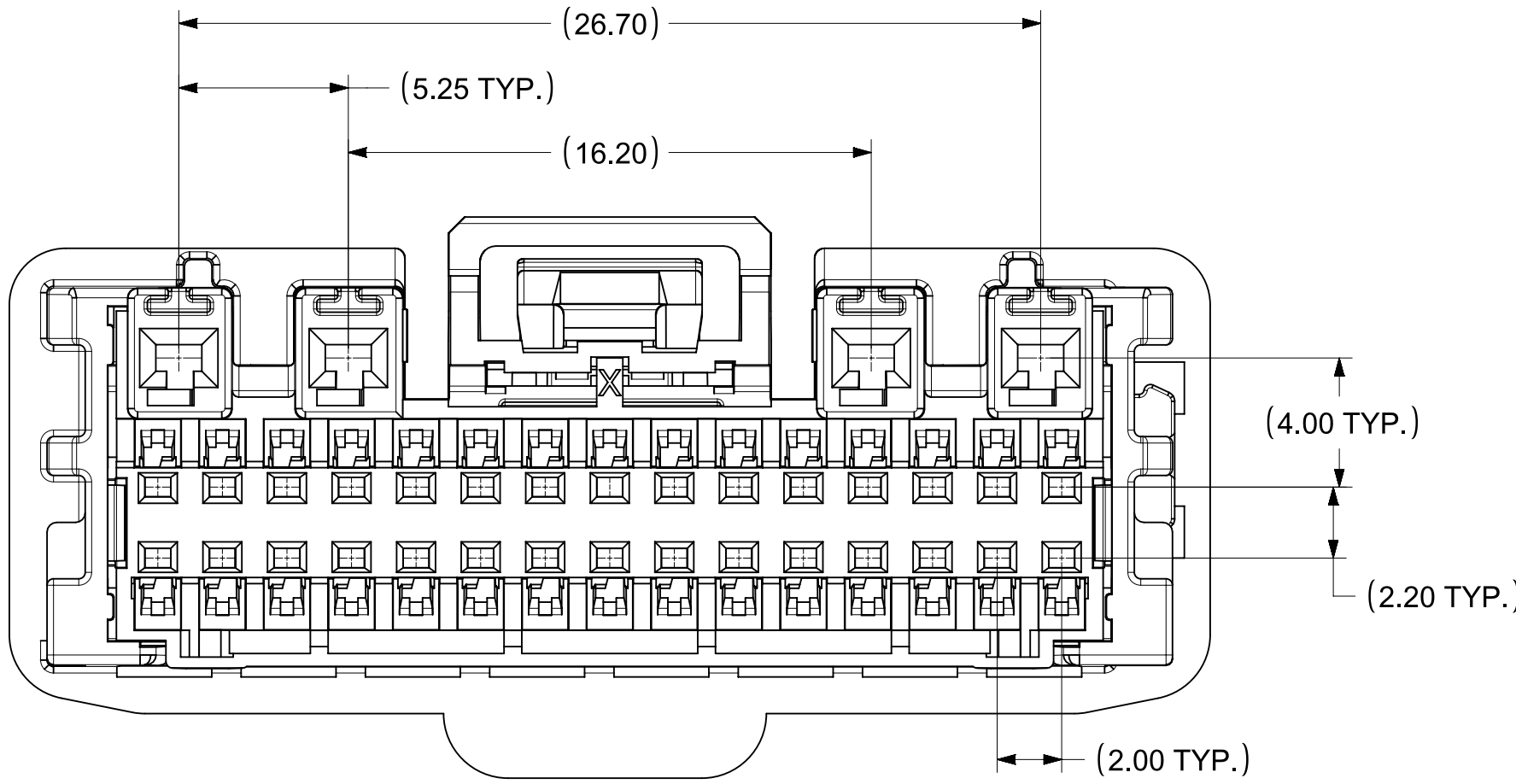
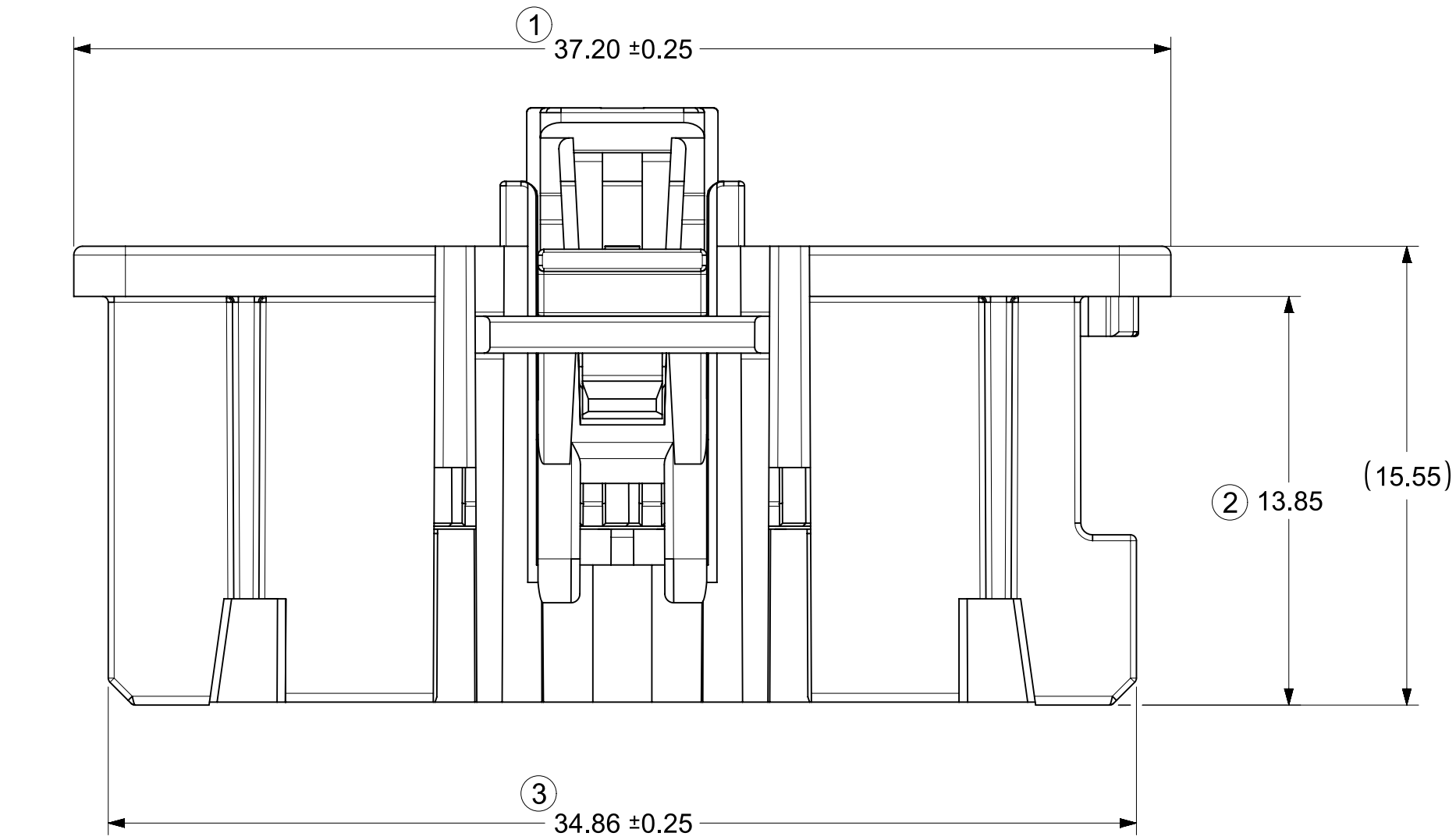
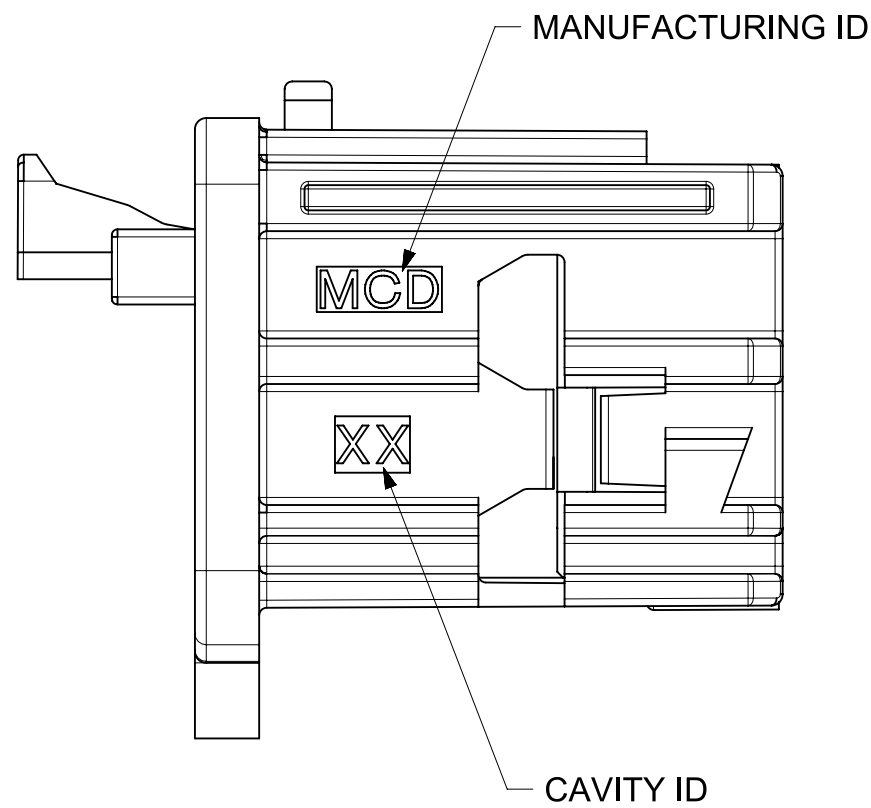
- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

A4	SHEET 1: UPDATED CTX50 UNSEALED RCPT TERMINAL PART NUMBER AND STATUS	CO-000006813
A3	1. UPDATED MINI50 34&38WAY RECEPTACLE ASSEMBLY LIST RIGHT ANGLE HEADER P/N IN SHEET 1.	CO-000001122
A2	CREATED NEW REVISION TO UPLOAD DRAWING IN MDS SYSTEM	CO-000001122
A1	1.SHEET 1:ADDED SEPARATED ISL PN IN RECEPTACLE ASSEMBLY LIST FORM. 2.SHEET 1:ADDED ISL PACKING DRAWING NUMBER IN GENERAL NOTES.	CO-000001122
A	INITIAL RELEASE	639270
REV	REV DESCRIPTION	ECN SAP NO.

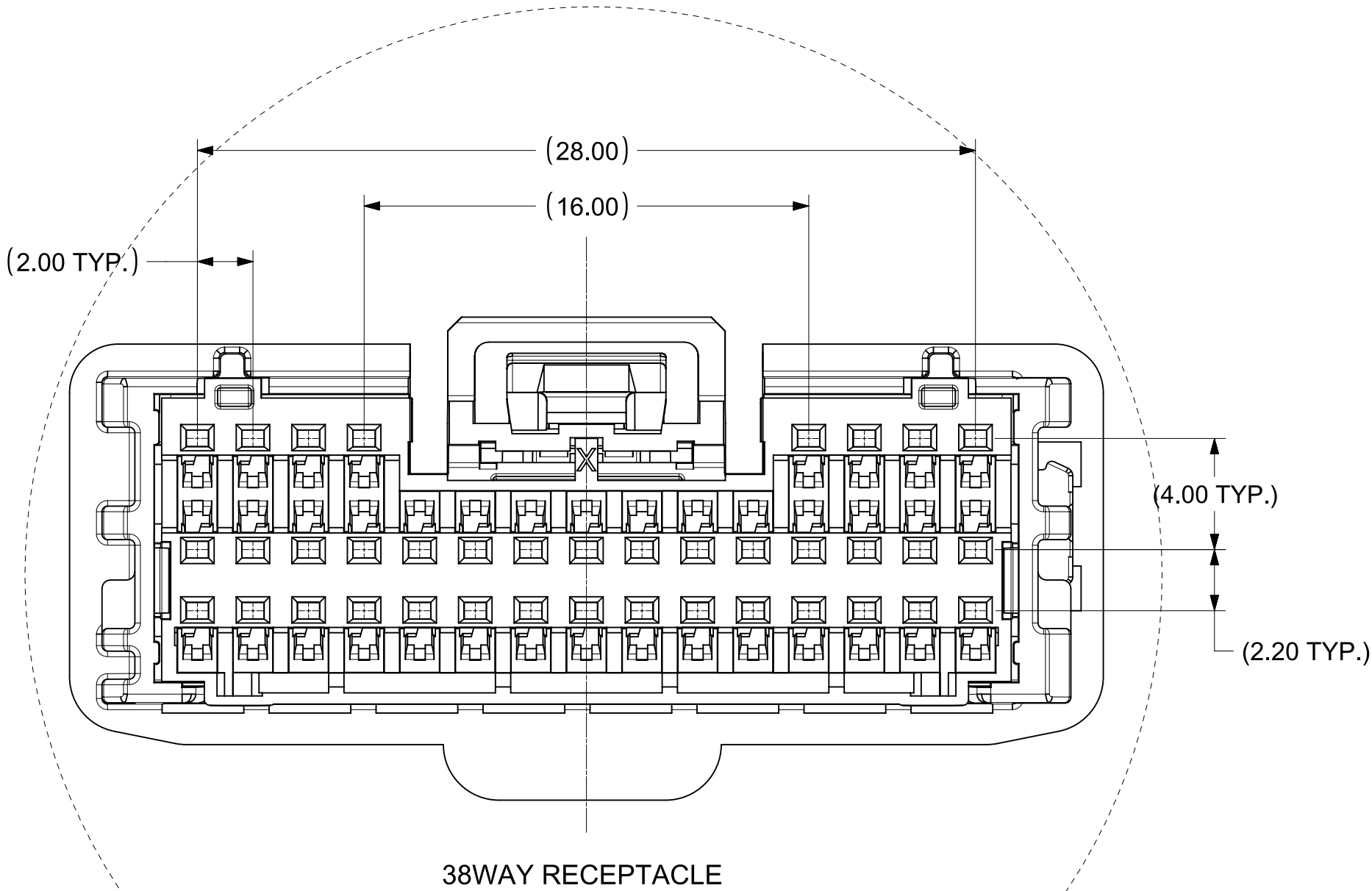
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
F = 0 F = 0 F P = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: REFER TO REVISION COLUMN			molex MINI50 34/38WAY RECEPTACLE ASSEMBLY SALES DRAW					
	MM		4:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL ± 0.5°				STATUS: Production DRWN: Yann Chen 2023-10-20 CHK'D: Gang Li 2023-10-25 APPR: Colin Zhang 2023-10-30				PRODUCT SALES DRAWING					
4 PLACES ±		3 PLACES ±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
2 PLACES ±		1 PLACE ±					349590001		PSD	000	A4		
1 PLACE ±		0 PLACES ±											
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITH DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					D-SIZE	34959					1 OF 2		

FORMA TUGAS/REVISI	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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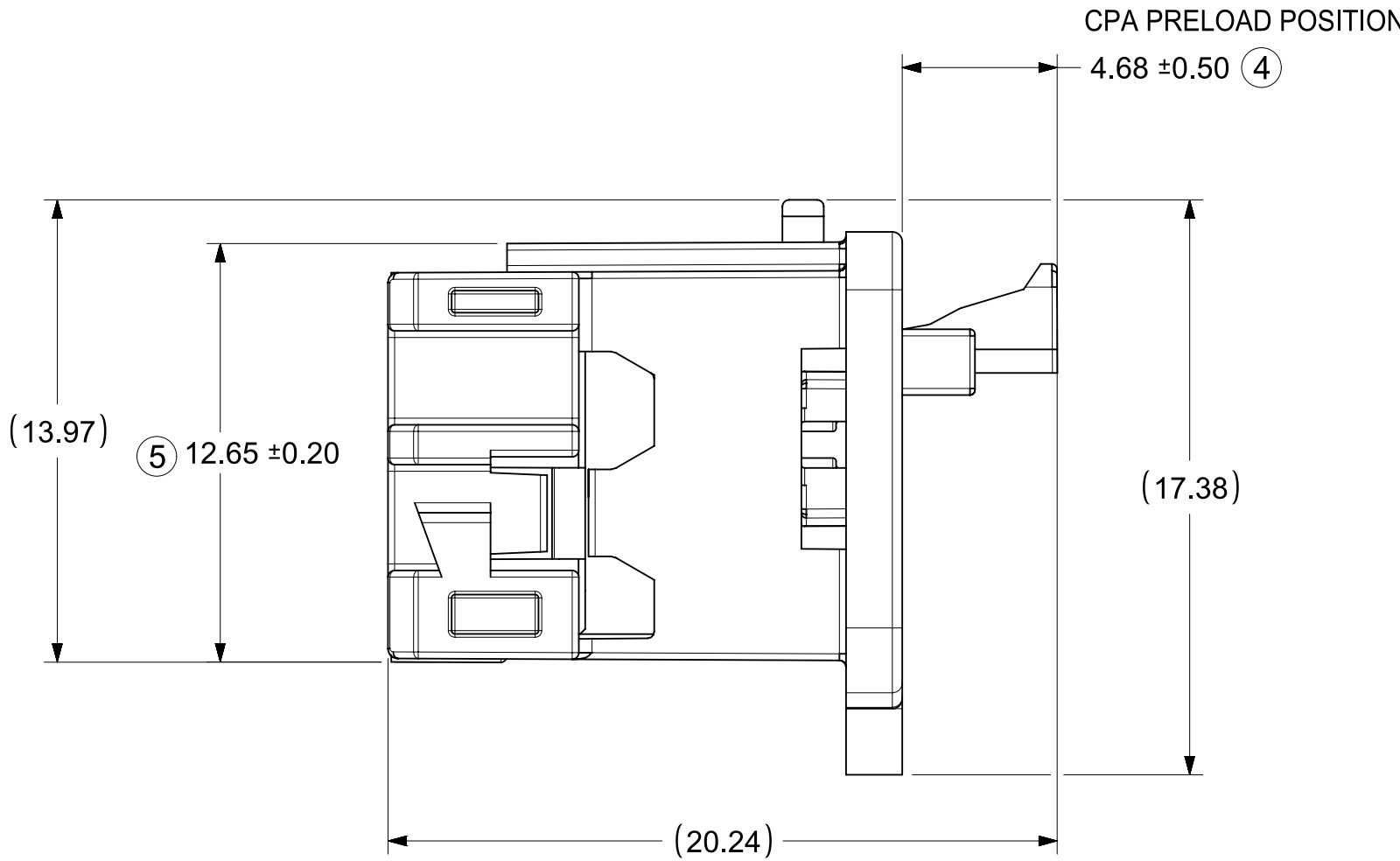
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
2	DETAIL DIMENSION VIEW



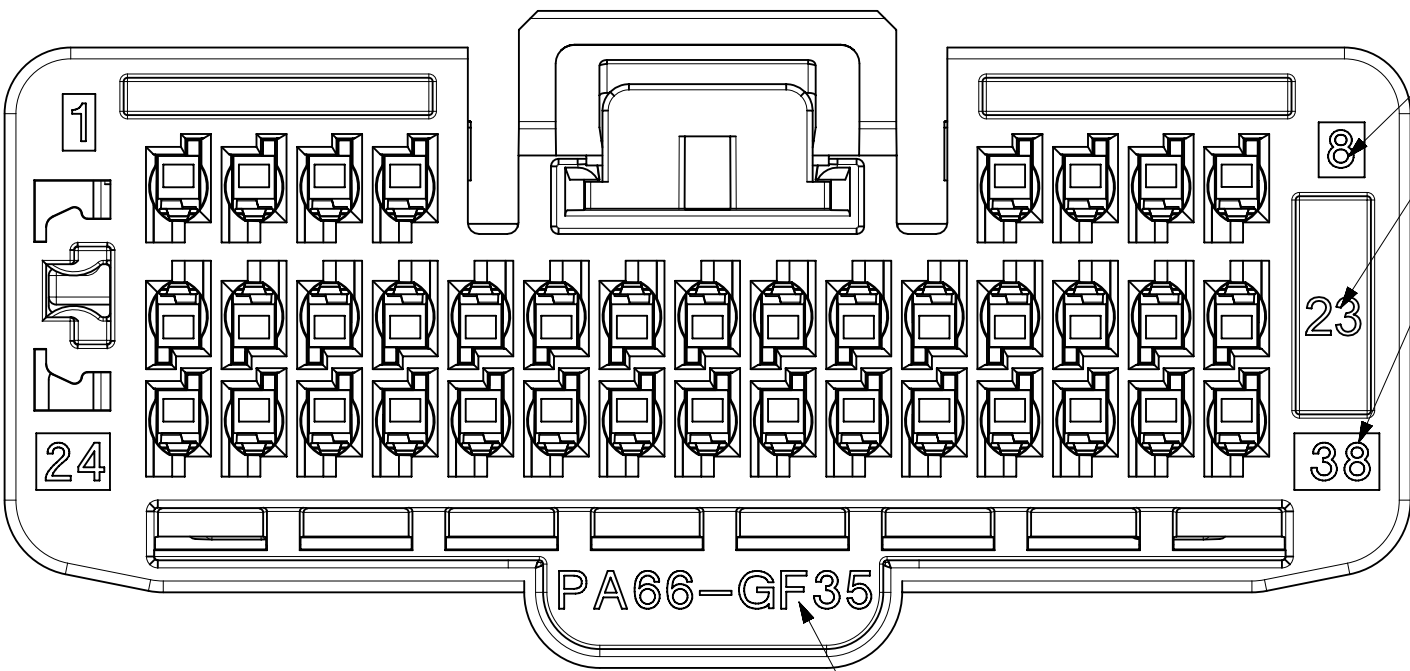
34WAY RECEPTACLE



38WAY RECEPTACLE



Ø40.92 PASS-THRU
WITH ± 1 mm PER SIDE



RECYCLING CODE

CIRCUIT ID

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REFER TO REVISION COLUMN	
	DIMENSION UNITS MM	SCALE 5:1		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	ANGULAR TOL ± 0.5°			
4 PLACES ±				
3 PLACES ±				
2 PLACES ±				
1 PLACE ±				
0 PLACES ±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 6	DRAWING D-SIZE	SERIES 34959
		STATUS: Production DRWN: Yann Chen CHK'D: Gang Li APPR: Colin Zhang 2023-10-20 2023-10-25 2023-10-30		
		DOCUMENT NUMBER 349590001		
		DOC TYPE PSD		
		DOC PART 000		
		REVISION A4		
		MATERIAL NUMBER		
		CUSTOMER		
		SHEET NUMBER 2 OF 2		

