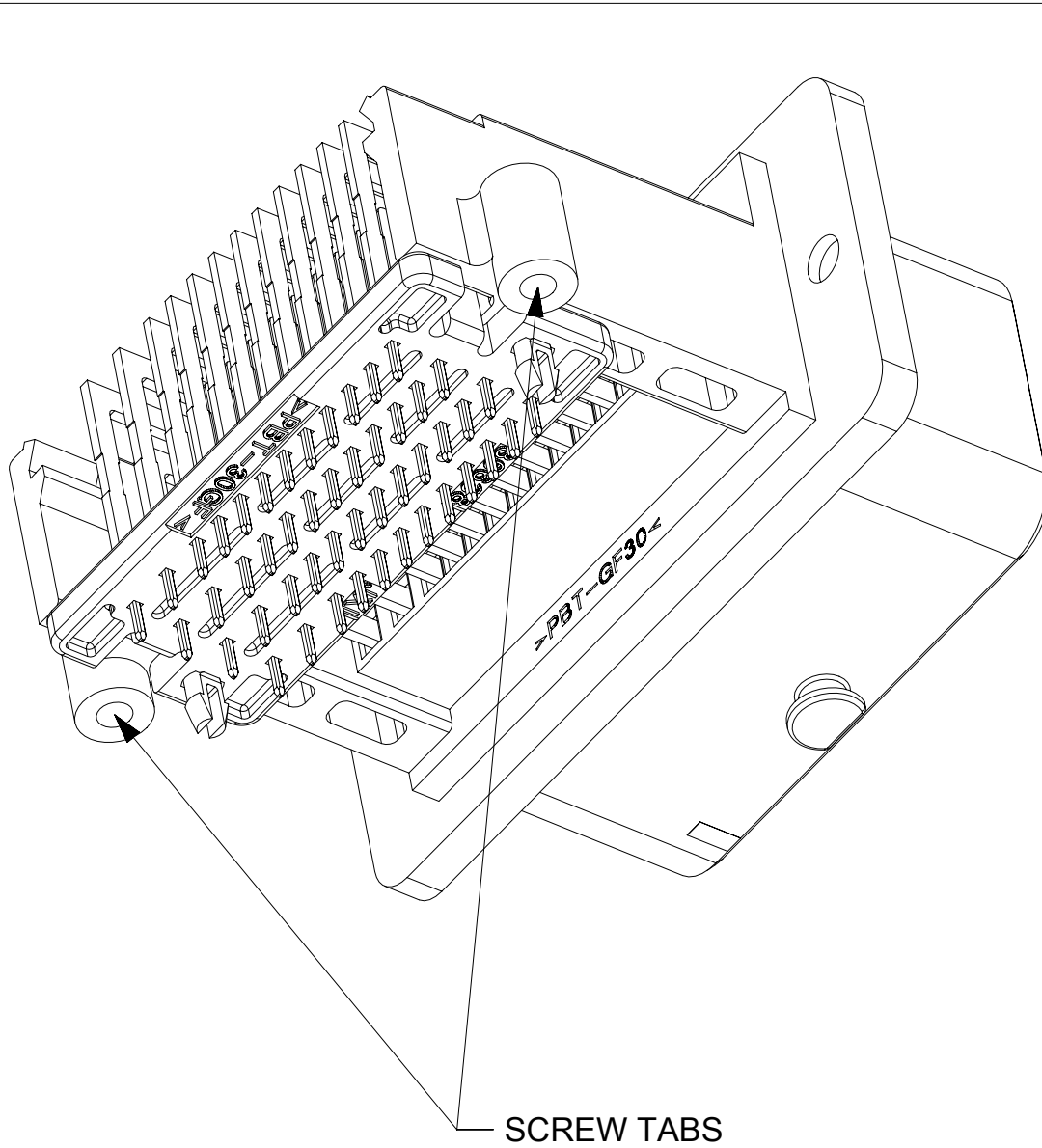


BILL OF MATERIAL

ITEM	PART DESCRIPTION	MATERIAL	PLATING	KEY	QUANTITY													
1	CMC HSG 48W 48CKT COUNTERSUNK HOLE BLK	PBT GF 30	N/A	BLACK	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	CMC HSG 48W 48CKT COUNTERSUNK HOLE BLK	PBT GF 30	N/A	BLACK	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	CMC HSG 48W 36CKT COUNTERSUNK HOLE BLK	PBT GF 30	N/A	BLACK	-	-	1	-	1	-	-	-	-	-	-	-	-	-
	CMC HSG 48W 36CKT COUNTERSUNK HOLE BLK	PBT GF 30	N/A	BLACK	-	-	-	1	-	1	-	-	-	-	-	-	-	-
	CMC HSG 48W 48CKT THROUGH HOLE BLK	PBT GF 30	N/A	BLACK	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	CMC HSG 48W 48CKT THROUGH HOLE BLK	PBT GF 30	N/A	BLACK	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	CMC HSG 48W 48CKT C/S HOLE SCREW TAB BLK	PBT GF 30	N/A	BLACK	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	CMC HSG 48W 48CKT COUNTERSUNK HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	CMC HSG 48W 48CKT COUNTERSUNK HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	CMC HSG 48W 36CKT COUNTERSUNK HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	CMC HSG 48W 36CKT COUNTERSUNK HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	CMC HSG 48W 48CKT THROUGH HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	CMC HSG 48W 48CKT THROUGH HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2	CMC HSG 48W 48CKT C/S HOLE SCREW TAB BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	48W CMC GRID PLATE WITH PCB LOCK	PBT GF 30	N/A	BLACK	1	-	1	-	1	-	1	-	1	1	-	1	-	1
3	48W CMC GRID PLATE W/O PCB LOCK	PBT GF 30	N/A	BLACK	-	1	-	1	-	1	-	1	-	-	1	-	1	-
	CMC HDR PIN 0.64X0.64 ROW 1 TIN PLATED	C26000 3/4 H	TIN	N/A	10	10	-	-	-	-	10	10	10	10	10	-	-	10
4	CMC HDR PIN 0.64X0.64 ROW 2 TIN PLATED	C26000 3/4 H	TIN	N/A	10	10	10	10	-	-	10	10	10	10	10	10	10	10
5	CMC HDR PIN 0.64X0.64 ROW 3 TIN PLATED	C26000 3/4 H	TIN	N/A	10	10	10	10	-	-	10	10	10	10	10	10	10	10
6	CMC HDR PIN 0.64X0.64 ROW 4 TIN PLATED	C26000 3/4 H	TIN	N/A	10	10	10	10	-	-	10	10	10	10	10	10	10	10
3	CMC HDR PIN 0.64X0.64 ROW 1 GOLD PLATED	C26000 3/4 H	GOLD	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	CMC HDR PIN 0.64X0.64 ROW 2 GOLD PLATED	C26000 3/4 H	GOLD	N/A	-	-	-	-	10	10	-	-	-	-	-	-	-	-
5	CMC HDR PIN 0.64X0.64 ROW 3 GOLD PLATED	C26000 3/4 H	GOLD	N/A	-	-	-	-	10	10	-	-	-	-	-	-	-	-
6	CMC HDR PIN 0.64X0.64 ROW 4 GOLD PLATED	C26000 3/4 H	GOLD	N/A	-	-	-	-	10	10	-	-	-	-	-	-	-	-
7	CMC HDR PIN 1.5X0.8 ROW 1 TIN PLATED	C26000 3/4 H	TIN	N/A	2	2	-	-	-	-	2	2	2	2	2	-	-	2
8	CMC HDR PIN 1.5X0.8 ROW 2 TIN PLATED	C26000 3/4 H	TIN	N/A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	CMC HDR PIN 1.5X0.8 ROW 3 TIN PLATED	C26000 3/4 H	TIN	N/A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	CMC HDR PIN 1.5X0.8 ROW 4 TIN PLATED	C26000 3/4 H	TIN	N/A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	PAD PRINT WHITE		N/A	N/A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	PAD PRINT BROWN		N/A	BROWN	-	-	-	-	-	-	-	-	-	1	1	1	1	1

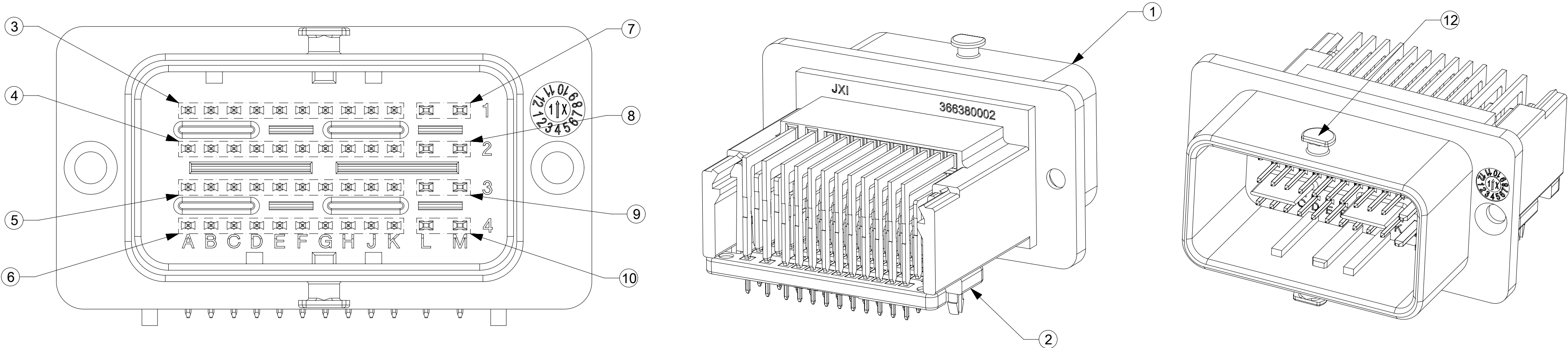
- NOTES:
1. AREA FOR JXI AND MOLEX PART NUMBER REPRESENTATION
 2. AREA FOR PLASTIC MATERIAL >PBT-30%GF< DESCRIPTION
 3. PAINT WITH WHITE COLOR (RoHS COMPLIANT) AT SPECIFIED TWO AREAS TO LOCATE POWER TERMINALS
 4. PAINT WITH BROWN COLOR (RoHS COMPLIANT) AT SPECIFIED AREA ON BOTH SIDES FOR P/N: 366380003, -0005, -0007, -0009, -0021 & -0023
 5. PART TO MEET SOLDERABILITY SPEC SMES-152
 6. PACKAGING SPECIFICATION: PK-36638-001
 7. PCB SOLDER HOLE SIZE IS DIA 1.1(+0.10/-0.05) FOR THE TERMINALS
 8. MANUAL/WAVE SOLDER COMPATIBLE
 9. FOR OTHER DIMENSIONS REFER REMAINING VIEWS IN THE DRAWING
 10. THESE DIMENSIONS ARE ONLY FOR PART NUMBERS 366380020,-0021, -0022 & -0023
 11. 366380020, -0021, -0022 & -0023 WILL COMPLY TO VIEW "M" OUT OF WHICH 366380020 & -0022 ARE TOOLED AND 366380021& -0023 ARE NOT TOOLED
 12. 366380013 AND -0019 MATE WITH PART NUMBERS 643202311/643204311
 13. GOLD PLATED AT CONTACT AREA (6.7+/-0.5mm) FOR P/N 366380013 & -0019
 14. SEALING SOLUTION AT THE FLANGE (IF NEEDED), IS THE RESPONSIBILITY OF THE END CUSTOMER
 15. WARPAGE ON FLANGE : 0.3 MAX
 16. INTERFACE DEFINITION: REFER TO DRAWING SD-98644-006



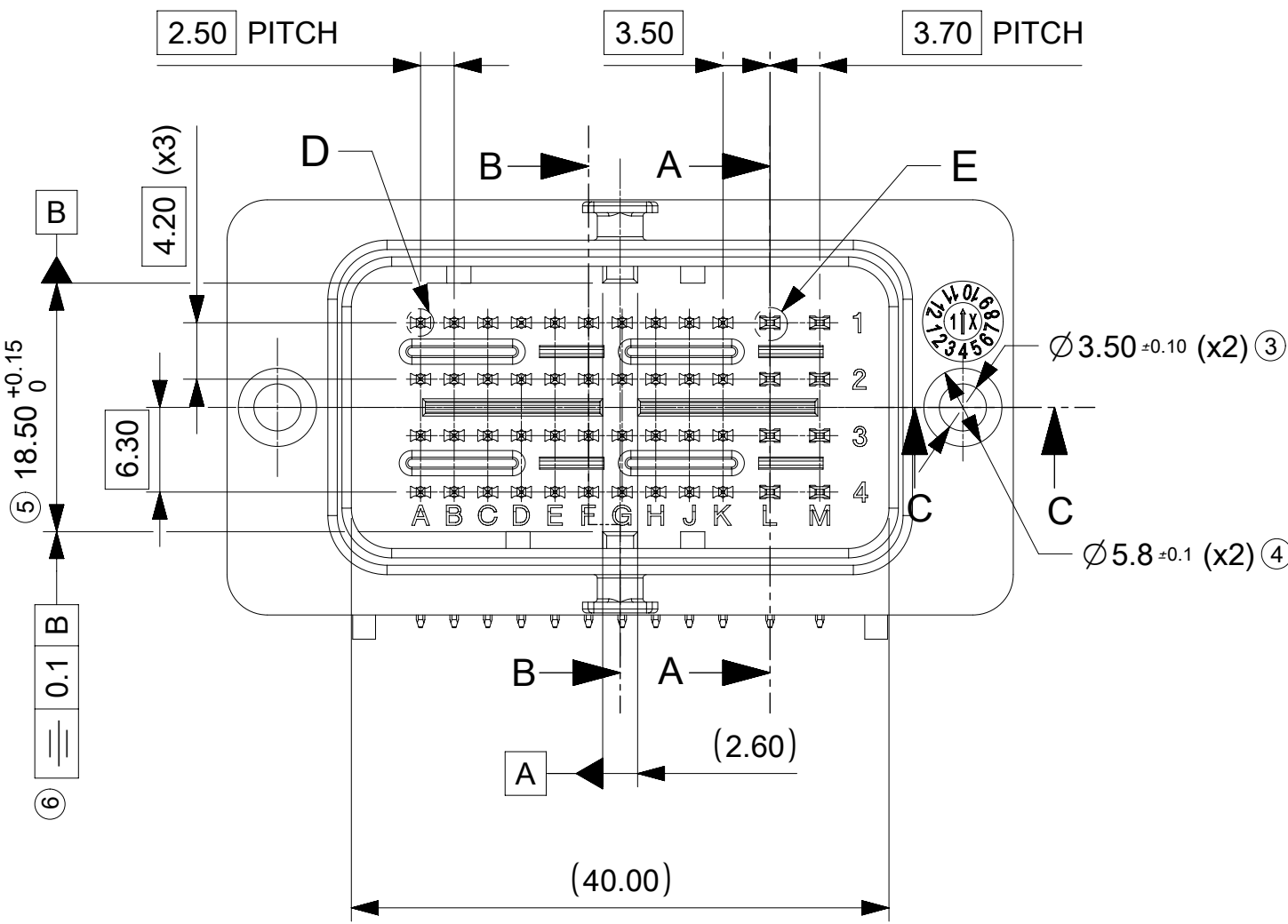
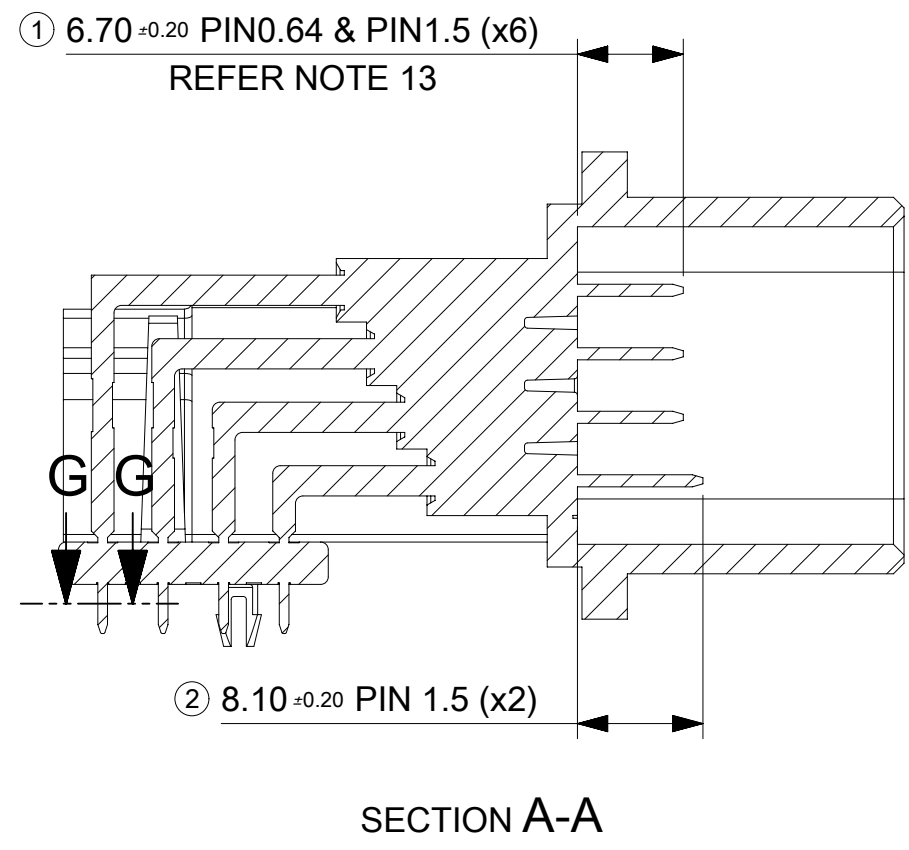
ADDITIONAL INFORMATION FOR PARTS 366380027 AND 366380028

MOLEX ASSEMBLY PART NO	CUSTOMER	PART DESCRIPTION	48 CKT POCKET	48 CKT POCKET	36 CKT POCKET	36 CKT POCKET
366380002	GENERAL MARKET	ASSY CMC 48W 48CKT BLK WITH PCB LOCK	BLACK KEY			
366380004	GENERAL MARKET	ASSY CMC 48W 48CKT BLK W/O PCB LOCK	BLACK KEY			
366380006	GENERAL MARKET	ASSY CMC 48W 36CKT BLK WITH PCB LOCK			BLACK KEY	
366380008	GENERAL MARKET	ASSY CMC 48W 36CKT BLK W/O PCB LOCK			BLACK KEY	
366380013 O	GENERAL MARKET	ASSY CMC 48W 36CKT BLK WITH PCB LOCK			BLACK KEY	
366380019 O	GENERAL MARKET	ASSY CMC 48W 36CKT BLK W/O PCB LOCK			BLACK KEY	
366380020	GENERAL MARKET	ASSY CMC 48W 48CKT BLK WITH PCB LOCK	BLACK KEY			
366380022	GENERAL MARKET	ASSY CMC 48W 48CKT BLK W/O PCB LOCK	BLACK KEY			
366380027	GENERAL MARKET	ASSY CMC 48W 48CKT BLK WITH PCB LOCK WITH SCREW TAB	BLACK KEY			
366380003	GENERAL MARKET	ASSY CMC 48W 48CKT BRN WITH PCB LOCK		BROWN KEY		
366380005	GENERAL MARKET	ASSY CMC 48W 48CKT BRN W/O PCB LOCK		BROWN KEY		
366380007	GENERAL MARKET	ASSY CMC 48W 36CKT BRN WITH PCB LOCK			BROWN KEY	
366380009	GENERAL MARKET	ASSY CMC 48W 36CKT BRN W/O PCB LOCK			BROWN KEY	
366380021	GENERAL MARKET	ASSY CMC 48W 48CKT BRN WITH PCB LOCK		BROWN KEY		
366380023	GENERAL MARKET	ASSY CMC 48W 48CKT BRN W/O PCB LOCK		BROWN KEY		
366380028	GENERAL MARKET	ASSY CMC 48W 48CKT BRN WITH PCB LOCK WITH SCREW TAB		BROWN KEY		

O= OBSOLETE

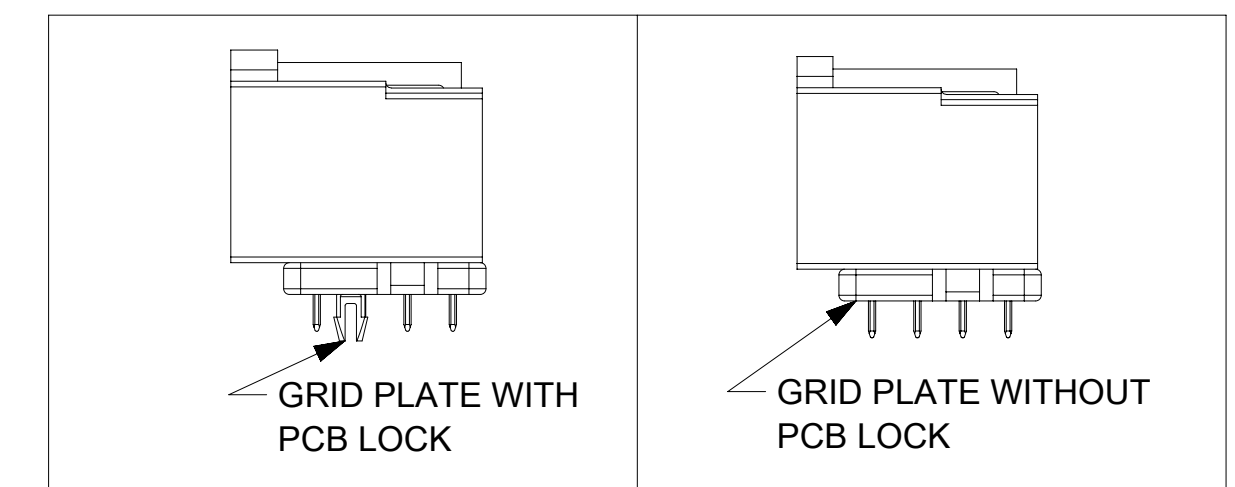
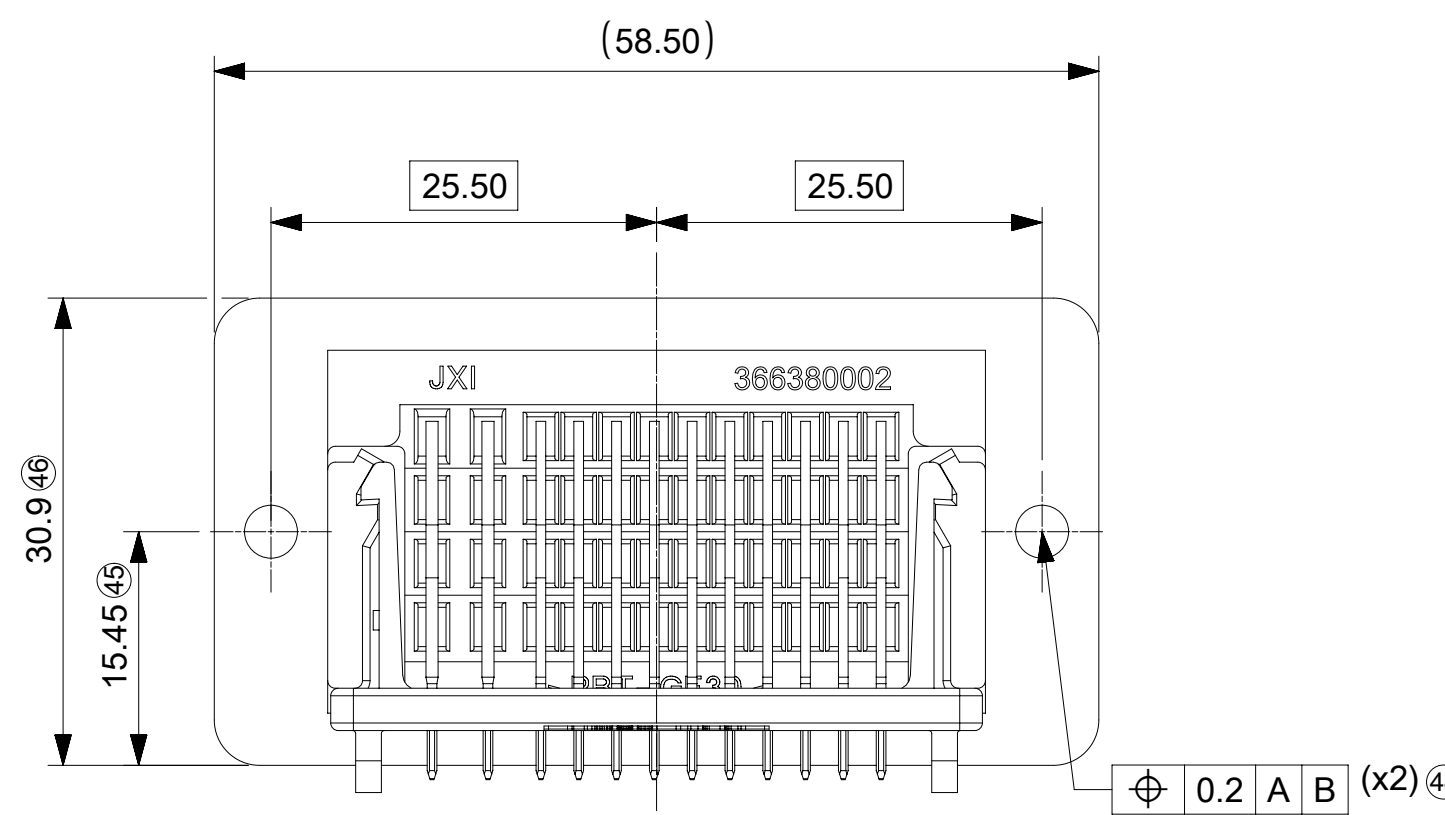
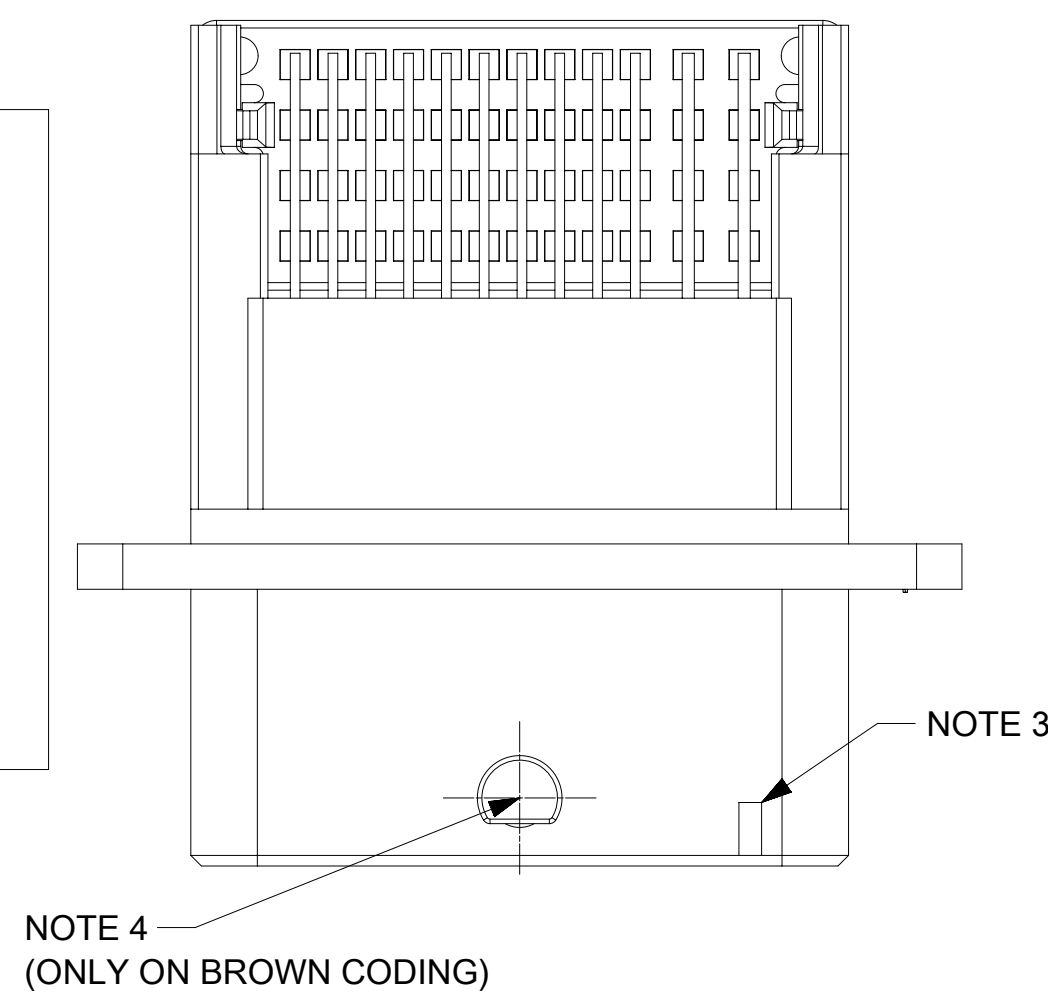
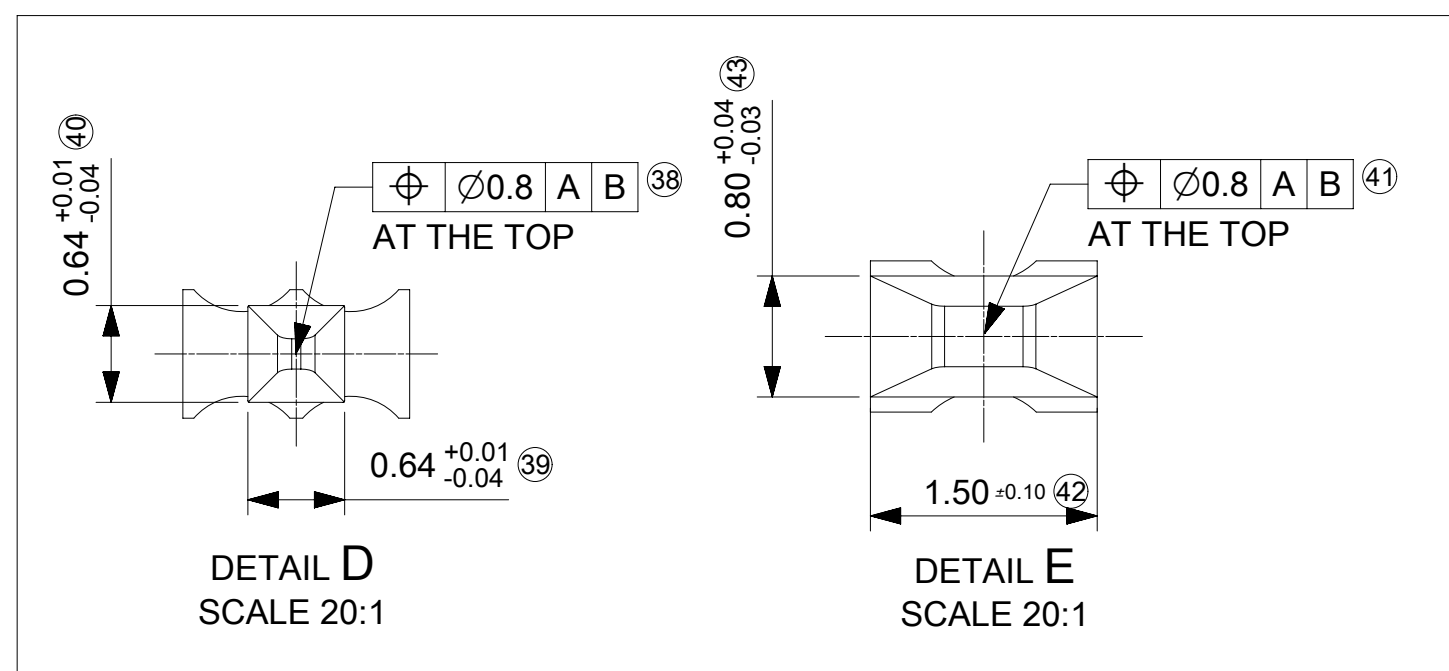
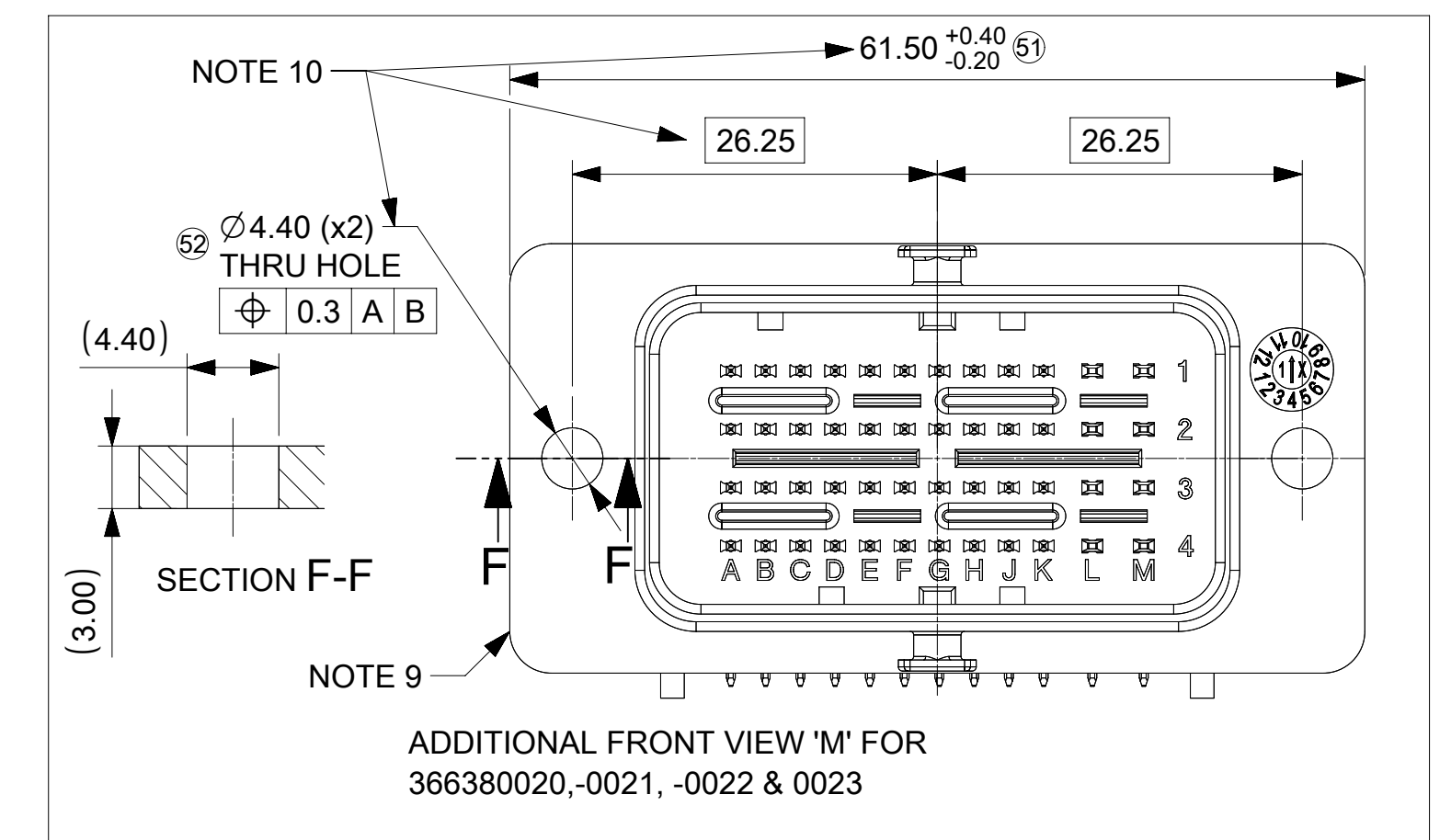
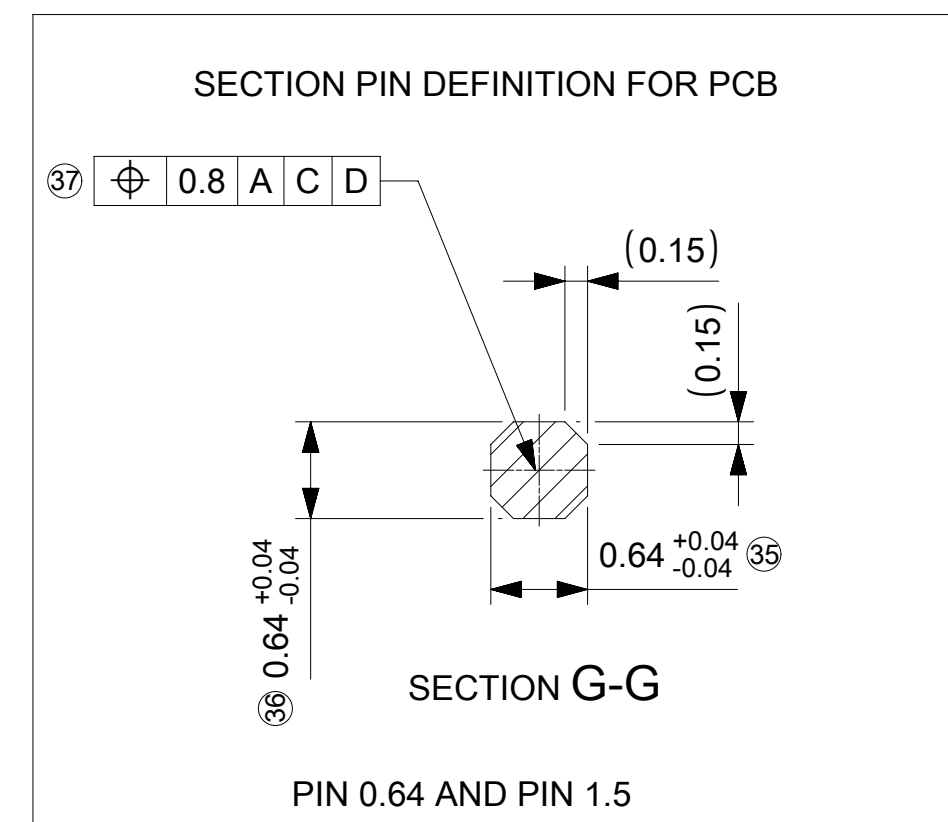
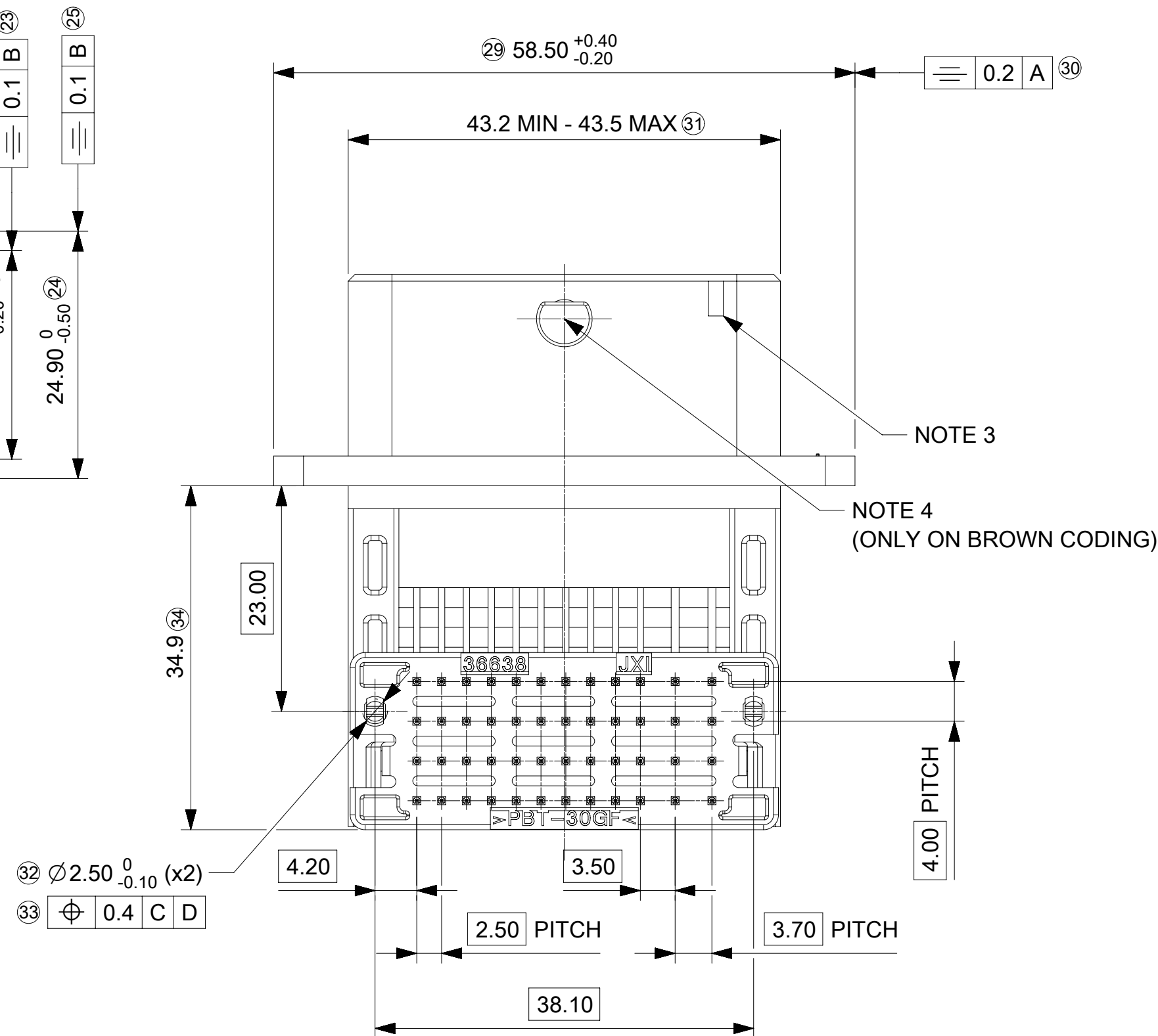
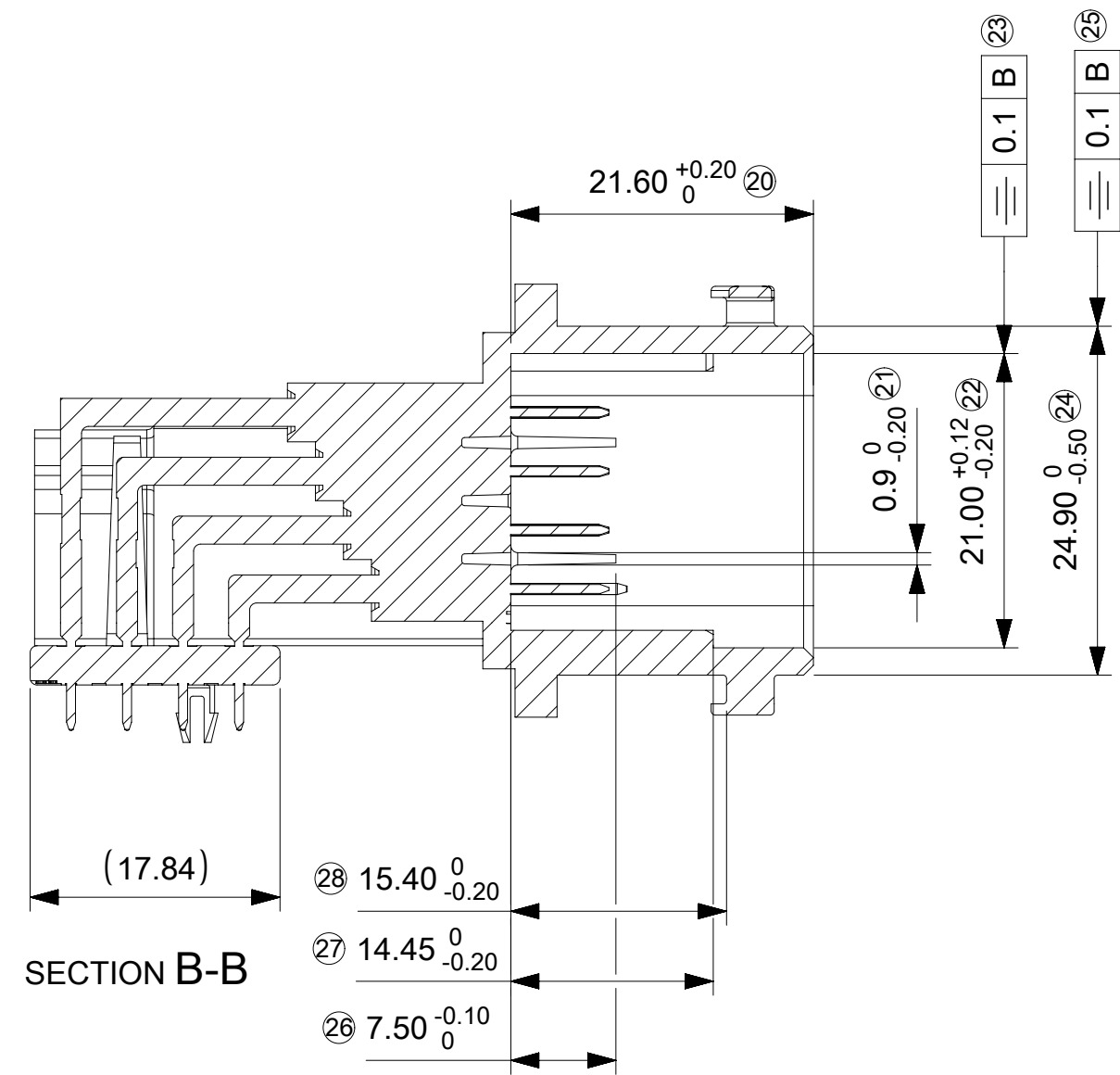


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER															
mm		3:1		molex 48CKT RA S CMC HEADER PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 366381000 DOC TYPE PSD DOC PART 000 REVISION B MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 1 OF 4															
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL		± 1.0 °																	
4 PLACES		±																	
3 PLACES		±																	
2 PLACES		± 0.1		EC NO: 650260															
1 PLACE		± 0.2		DRWN: AKUMAR19 2020/11/27															
0 PLACES		±		CHK'D: GGA 2020/12/09															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DRAWING A1-SIZE				SERIES 36638				APPR: GGA 2020/12/09			
																INITIAL REVISION:			
																DRWN: SSUVARNA 2018/12/20			
												APPR: SLAFAURE 2019/01/08							



CODING:

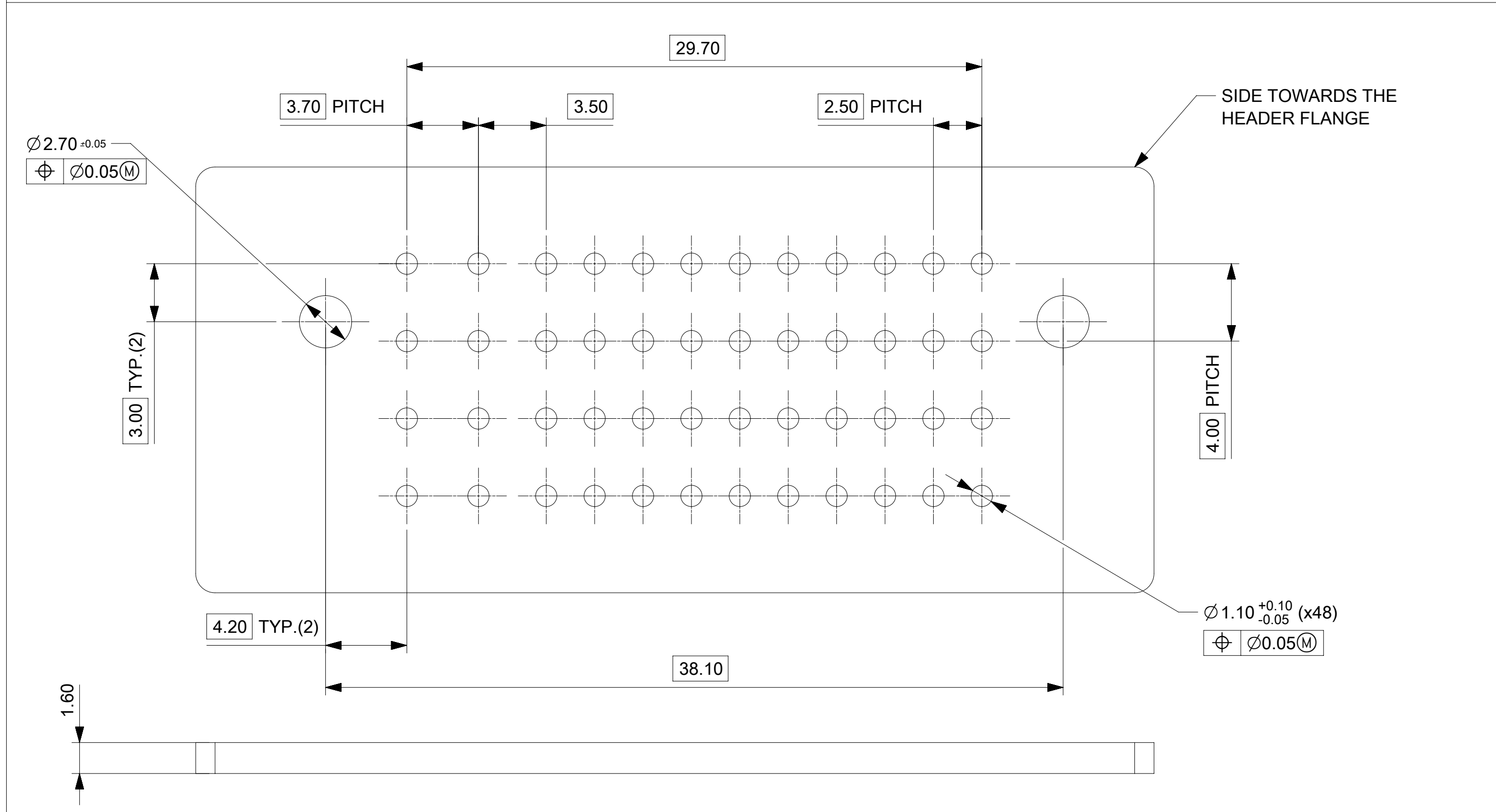
DIM	BLACK	BROWN
A	12.90	8.50
B	6.30	10.70
C	8.50	12.90
D	6.30	12.90



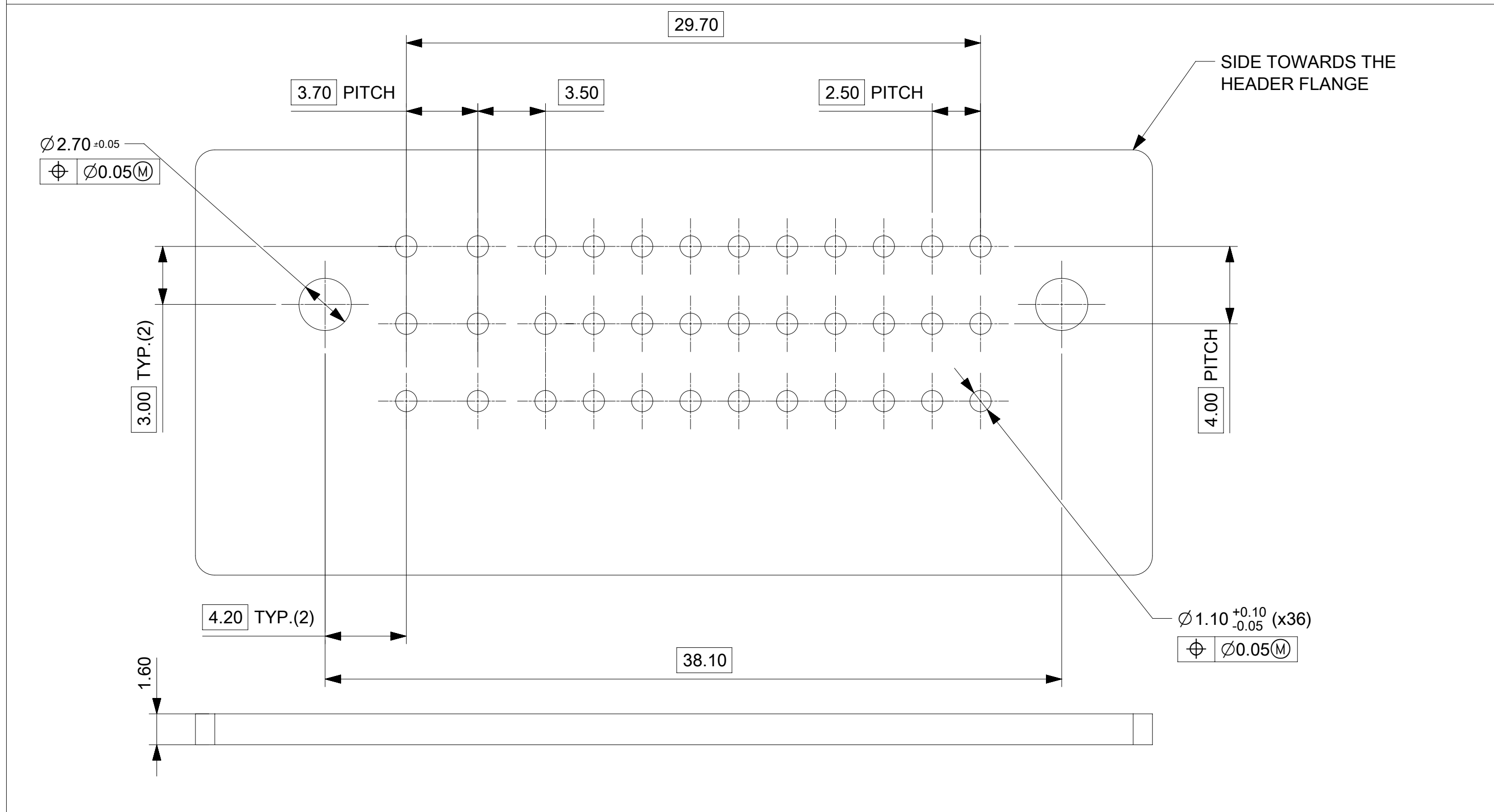
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DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER						molex			
mm		2:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				48CKT RA S CMC HEADER									
ANGULAR TOL ± 1.0 °													
4 PLACES		±		EC NO: 650260				PRODUCT CUSTOMER DRAWING					
3 PLACES		±		DRWN: AKUMAR19 2020/11/27									
2 PLACES		± 0.1		CHK'D: GGA 2020/12/09									
1 PLACE		± 0.2		APPR: GGA 2020/12/09				DOCUMENT NUMBER 366381000					
0 PLACES		±		INITIAL REVISION:								DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION				DRAWING		SERIES		SHEET NUMBER	
								A1-SIZE		36638		2 OF 4	
								MATERIAL NUMBER		CUSTOMER			
								SEE TABLE		GENERAL MARKET			

DOCUMENT STATUS	P1	RELEASE DATE	2020/12/09 05:34:56
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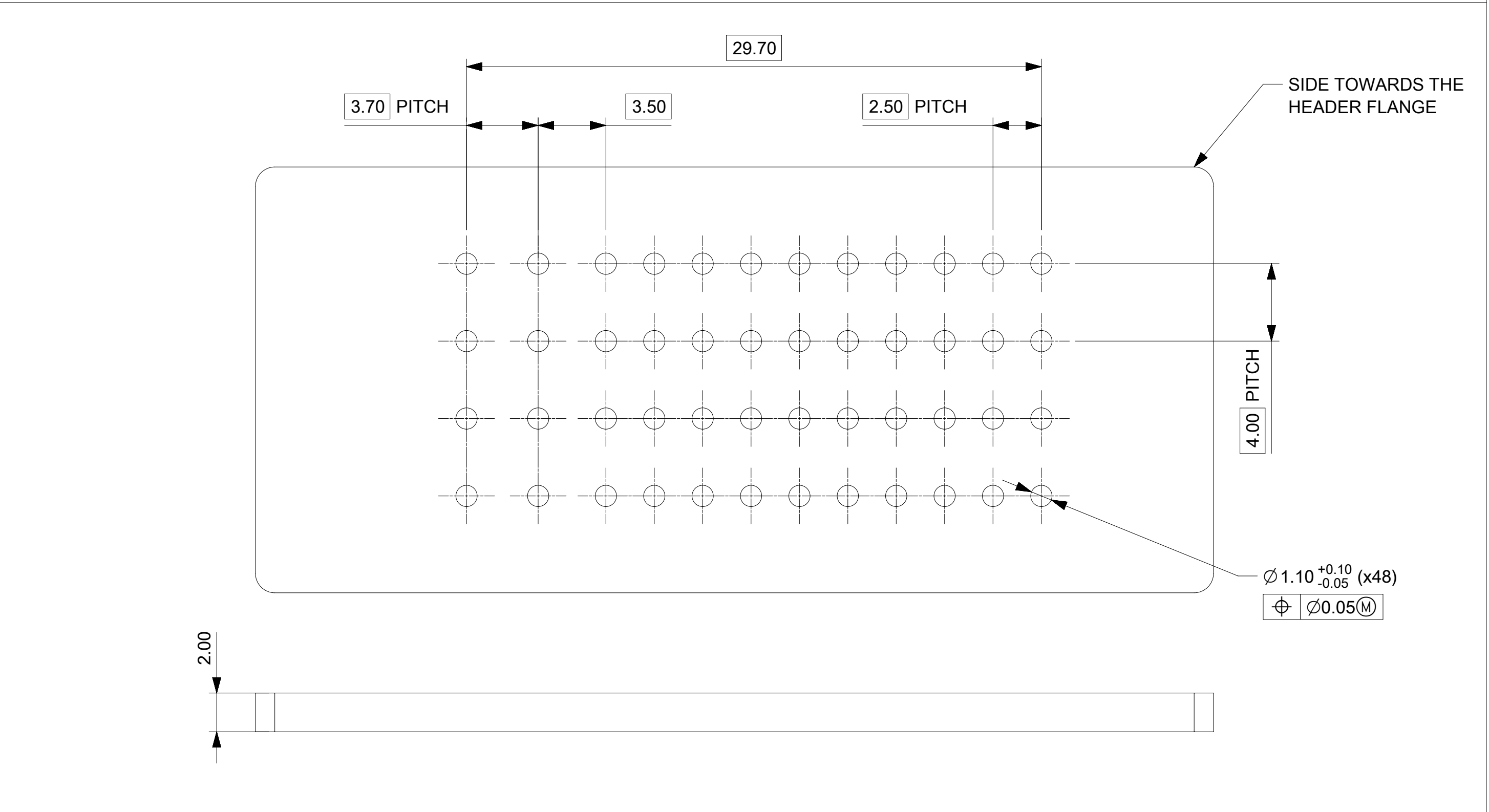
RECOMMENDED PCB PAYOUT



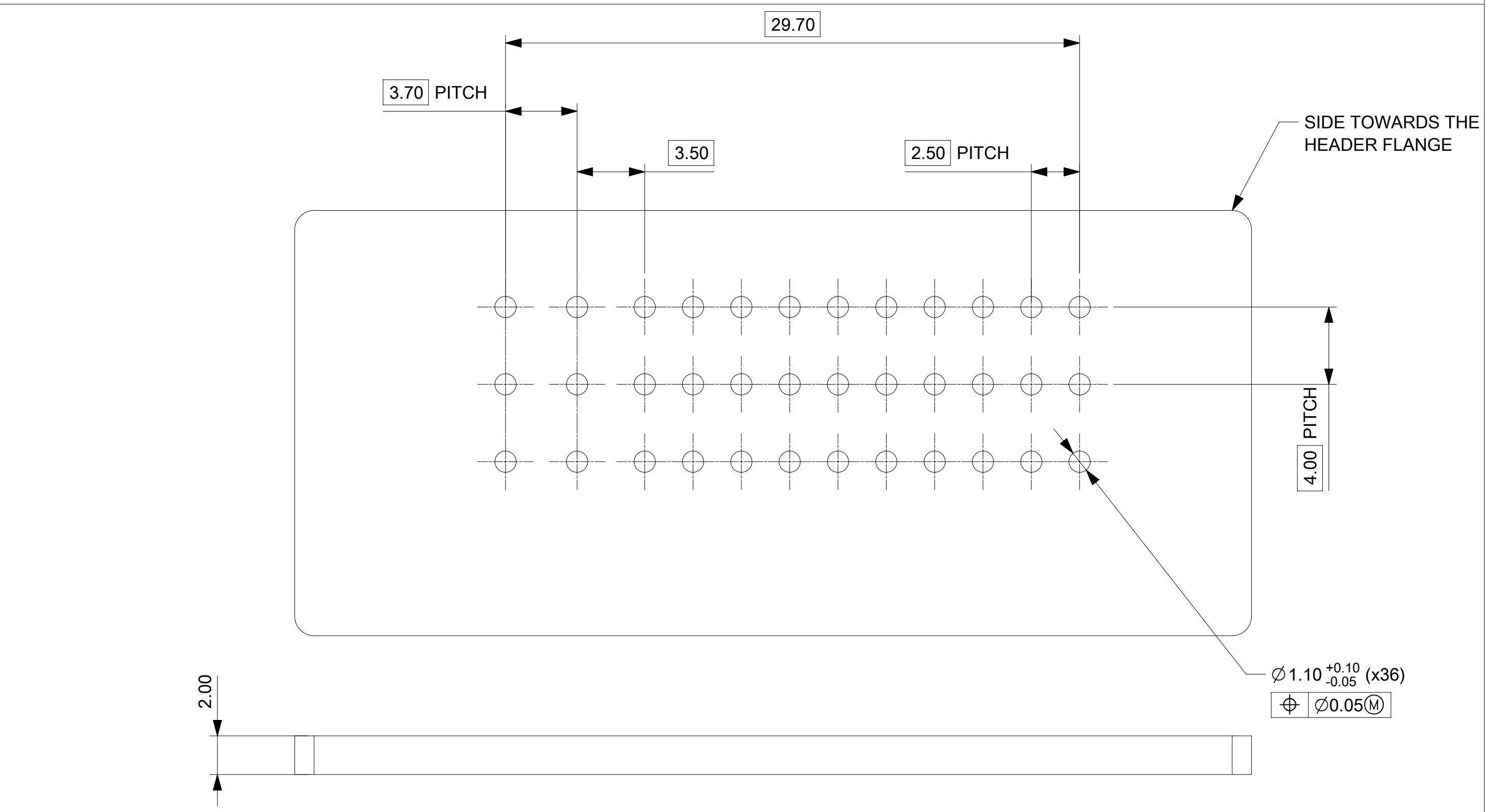
FOR PN 366380002, 366380003, 366380020, 366380021



FOR PN 366380006, 366380007 AND 366380013

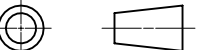


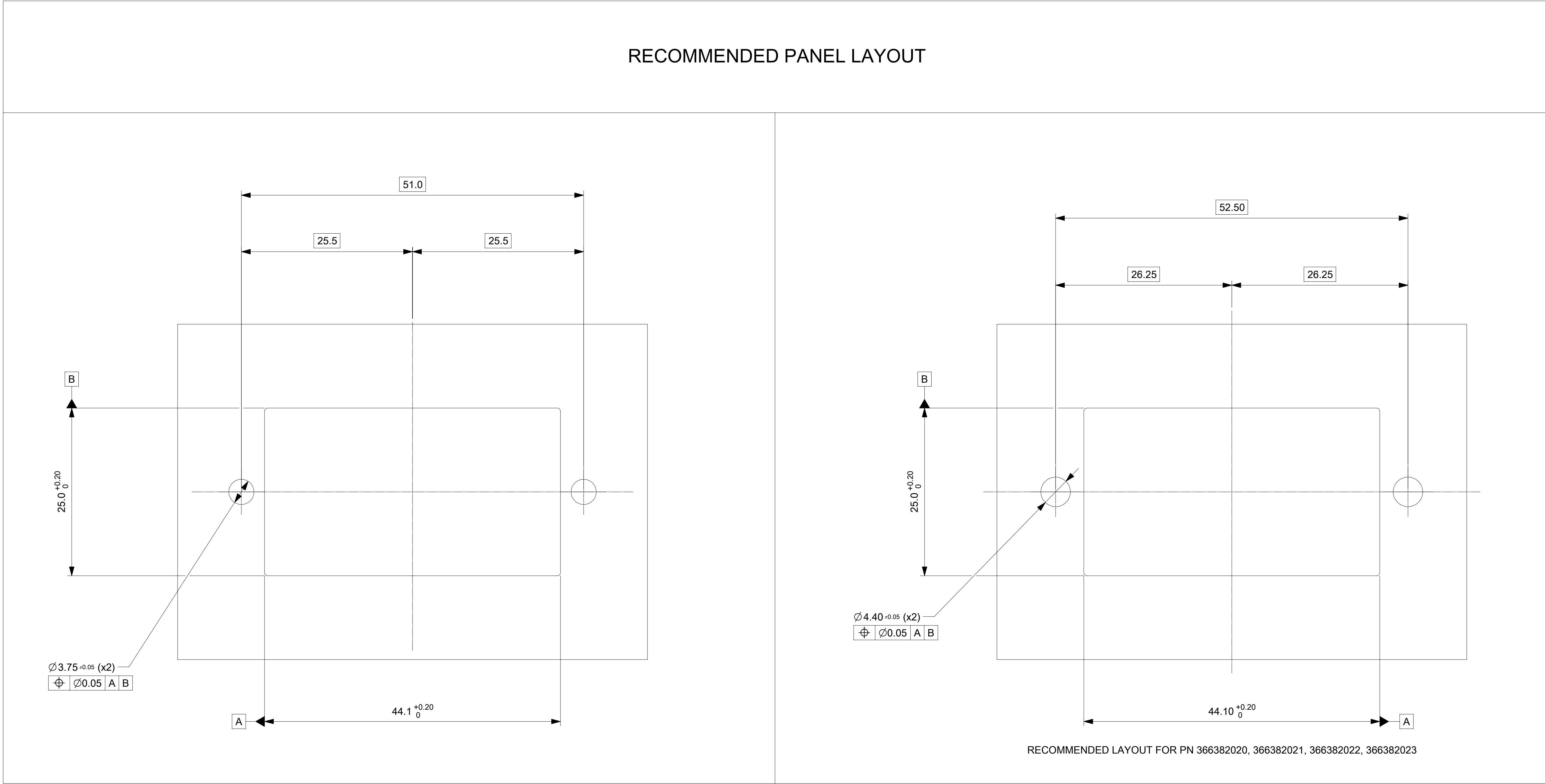
FOR PN 366380004, 366380005, 366380022, 366380023



FOR PN 366380008, 366380009 AND 366380019

- NOTES:
1. THE VIEW 'RECOMMENDED PCB LAYOUT' SHOWS THE SECTION OF THE HOLE POSITION CONCERNING THE HEADER-PIN, GUIDING AND LOCKING LAYOUT.
 2. THIS VIEW OF THE HOLE PATTERN DOESN'T POINT TO THE ABSOLUTE POSITION ON THE PCB.
 3. THE HOLE PATTERN IS THE COPY OF THE HEADER LAYOUT.
 4. PLEASE COMBINE THE TWO ELEMENTS (HEADER AND VIEW OF THE HOLE PATTERN).

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: OBSOLETE PART NUMBER				molex			
mm		5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 650260 DRWN: AKUMAR19 2020/11/27 CHK'D: GGA 2020/12/09 APPR: GGA 2020/12/09 INITIAL REVISION: DRWN: SSUVARNA 2018/12/20 APPR: SLAFAURE 2019/01/08							
ANGULAR TOL ± 1.0 °											
4 PLACES		±									
3 PLACES		±									
2 PLACES		± 0.1									
1 PLACE		± 0.2									
0 PLACES		±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A1-SIZE		SERIES 36638		PRODUCT CUSTOMER DRAWING	
										DOCUMENT NUMBER 366381000	
										DOC TYPE PSD	
										DOC PART 000	
										REVISION B	
										SHEET NUMBER 3 OF 4	



NOTES:
1. REQUIRED MATING SURFACE FINISH: Ra 3.0µm MAX OR POLISHED

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DIMENSION UNITS		SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER						
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 650260 DRWN: AKUMAR19 2020/11/27 CHK'D: GGA 2020/12/09 APPR: GGA 2020/12/09 INITIAL REVISION: DRWN: SSUVARNA 2018/12/20 APPR: SLAFAURE 2019/01/08						
ANGULAR TOL	±	1.0 °							
4 PLACES	±								
3 PLACES	±								
2 PLACES	±	0.1							
1 PLACE	±	0.2	THIRD ANGLE PROJECTION						
0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING		SERIES	DOCUMENT NUMBER			
			A1-SIZE		36638	SEE TABLE		CUSTOMER	
						GENERAL MARKET		SHEET NUMBER	
						4 OF 4			

DOCUMENT STATUS		P1	RELEASE DATE		2020/12/09 05:34:56
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molex

48CKT RA S CMC HEADER

PRODUCT CUSTOMER DRAWING

366381000

PSD

000

B

Mouser Electronics

Authorized Distributor

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