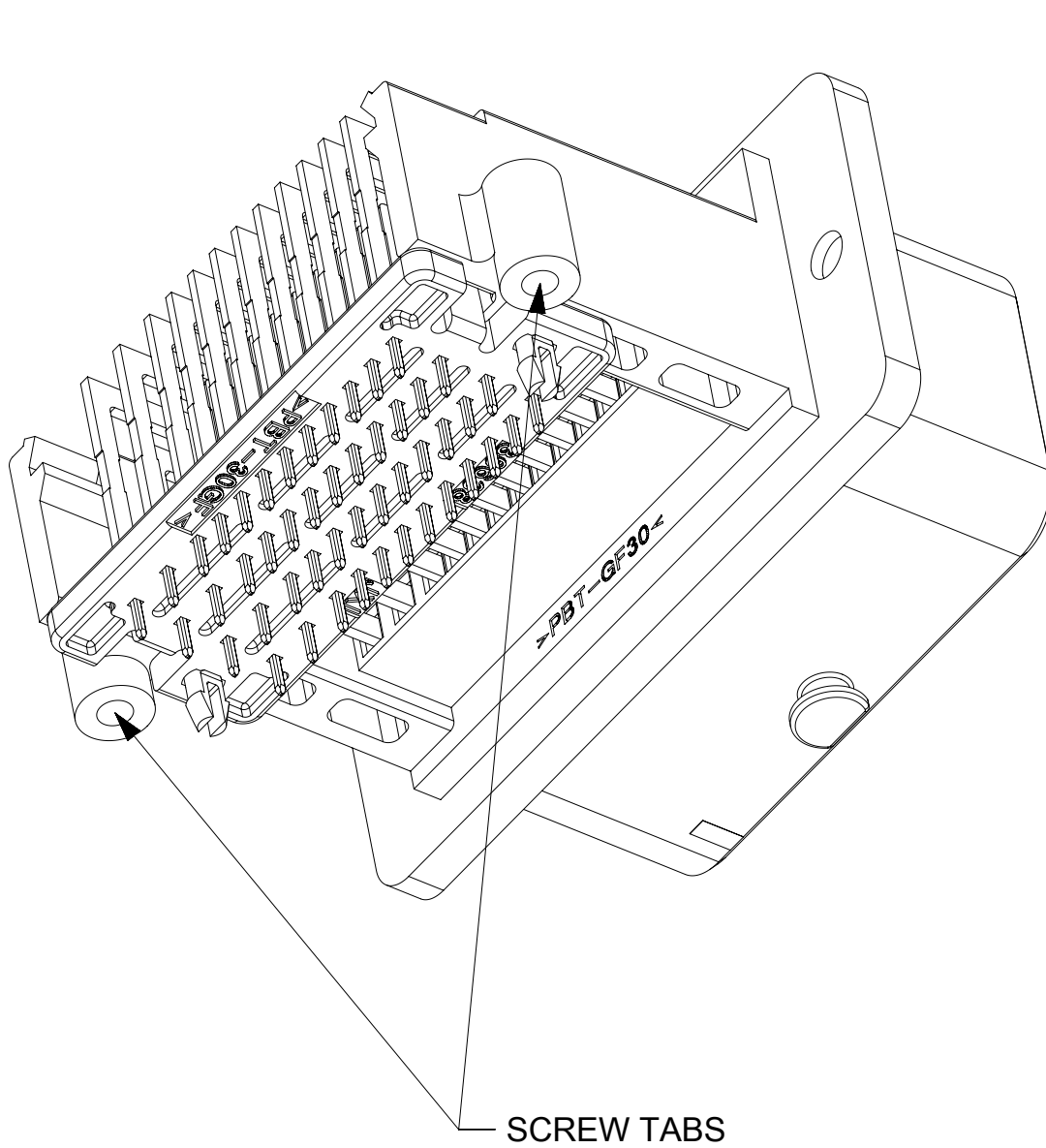


BILL OF MATERIAL

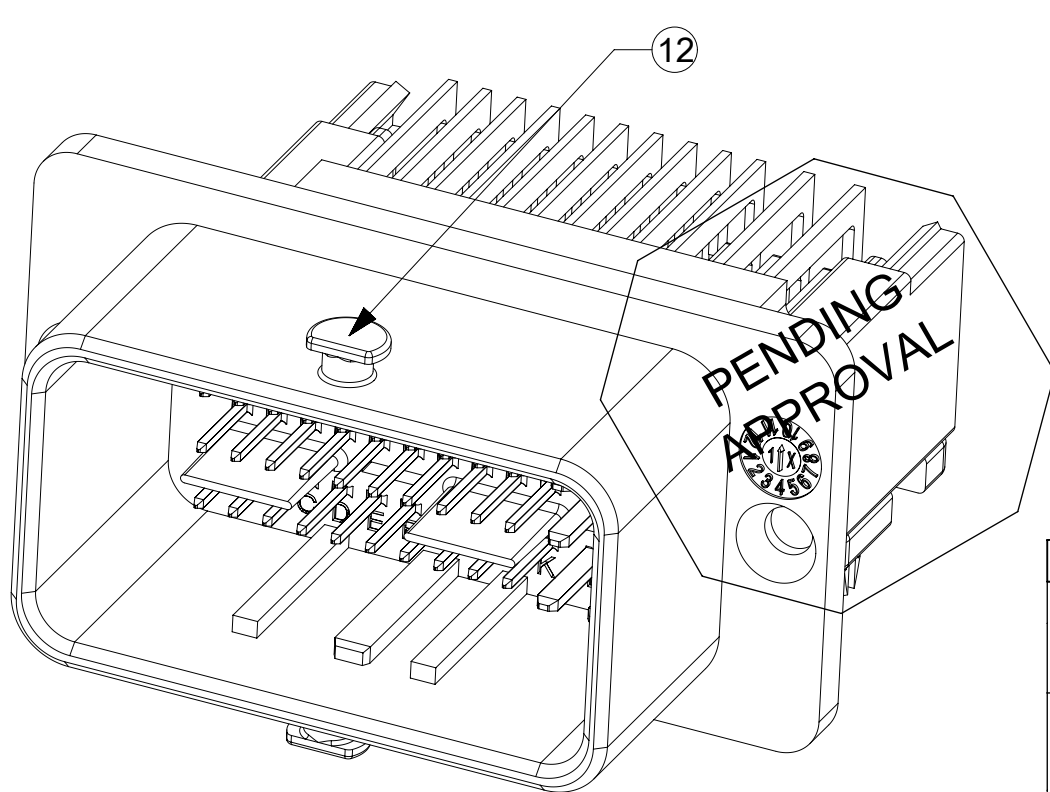
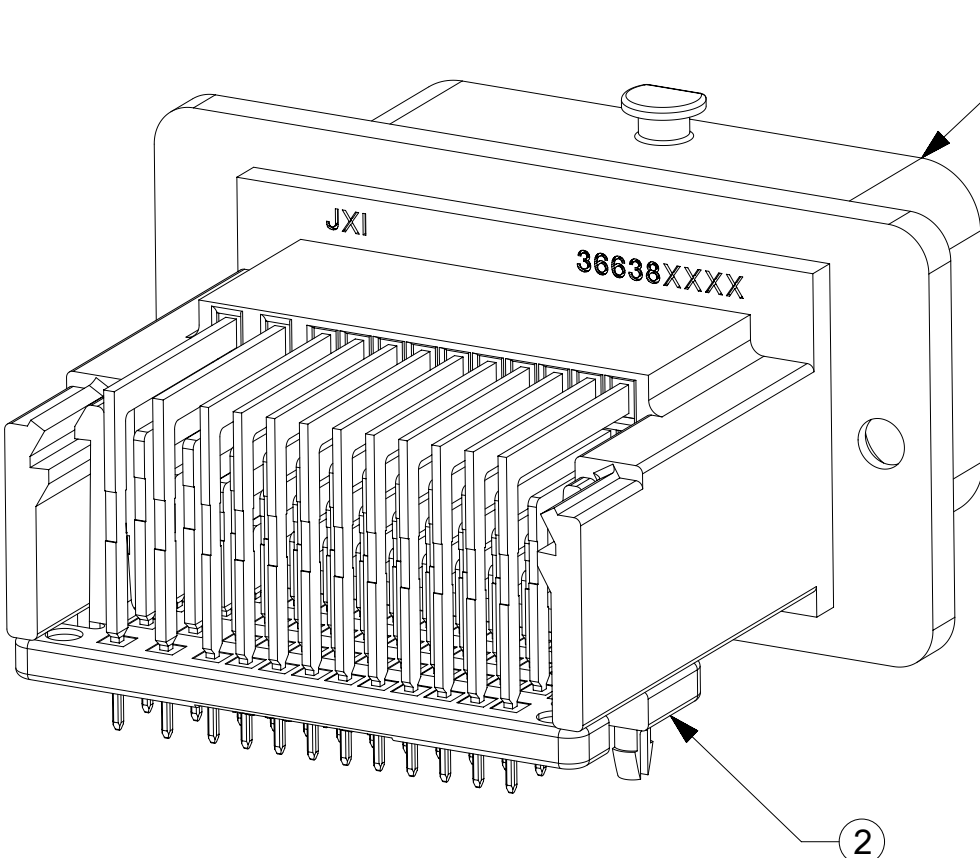
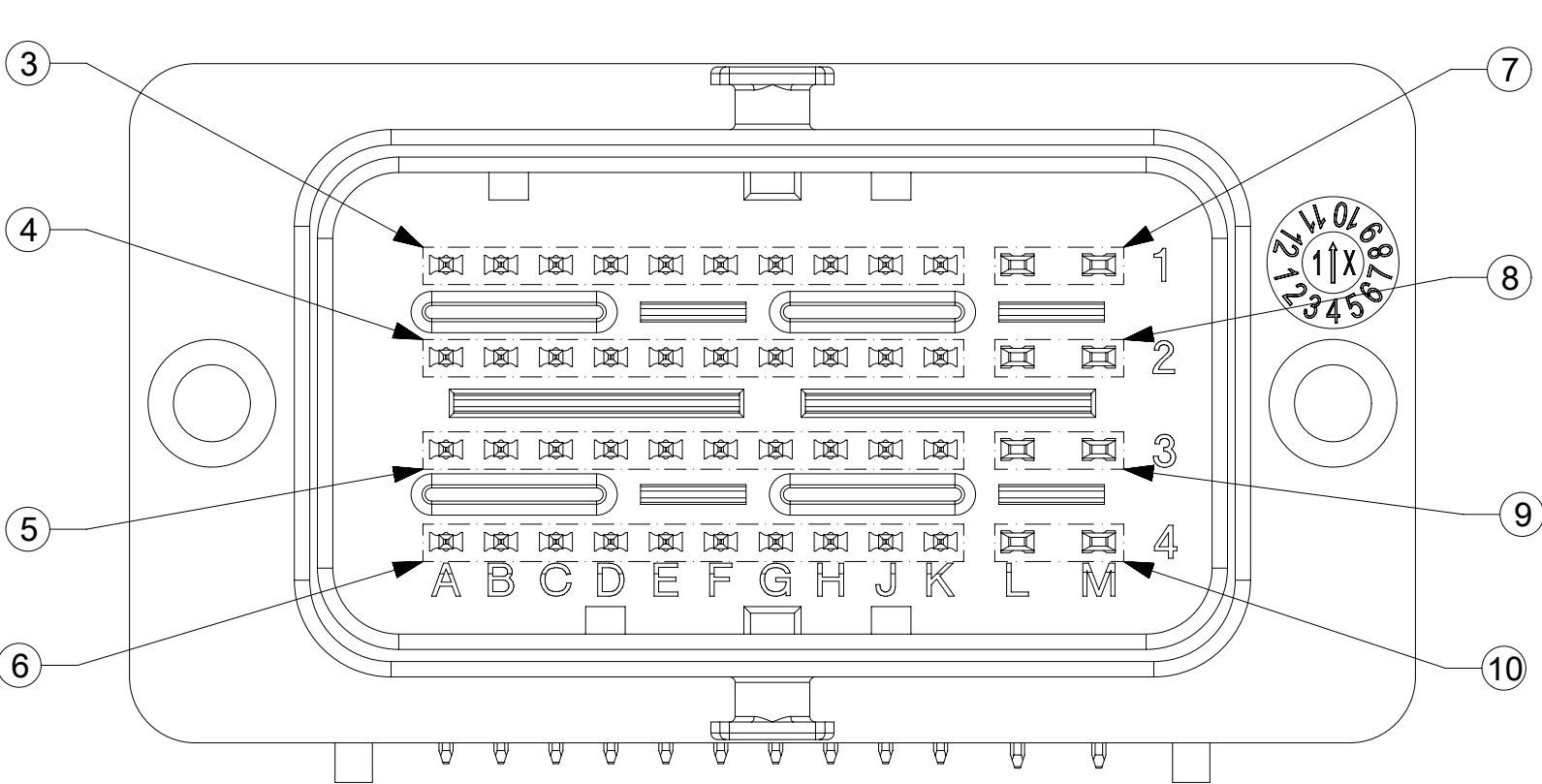
ITEM	PART DESCRIPTION	MATERIAL	PLATING	KEY	QUANTITY															
1	CMC HSG 48W 48CKT COUNTERSUNK HOLE BLK	PBT GF 30	N/A	BLACK	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CMC HSG 48W 48CKT COUNTERSUNK HOLE BLK	PBT GF 30	N/A	BLACK	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CMC HSG 48W 36CKT COUNTERSUNK HOLE BLK	PBT GF 30	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	-	-
2	CMC HSG 48W 48CKT THROUGH HOLE BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	CMC HSG 48W 48CKT C/S HOLE SCREW TAB BRN	PBT GF 30	N/A	BROWN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
3	48W CMC GRID PLATE WITH PCB LOCK	PBT GF 30	N/A	BLACK	1	-	1	-	1	-	1	-	1	1	-	1	-	1	-	1
	48W CMC GRID PLATE W/O PCB LOCK	PBT GF 30	N/A	BLACK	-	1	-	1	-	1	-	1	-	-	1	-	1	-	1	-
3	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	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	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	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	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	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	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	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	2	2
11	PAD PRINT WHITE		N/A	N/A	1	1	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	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



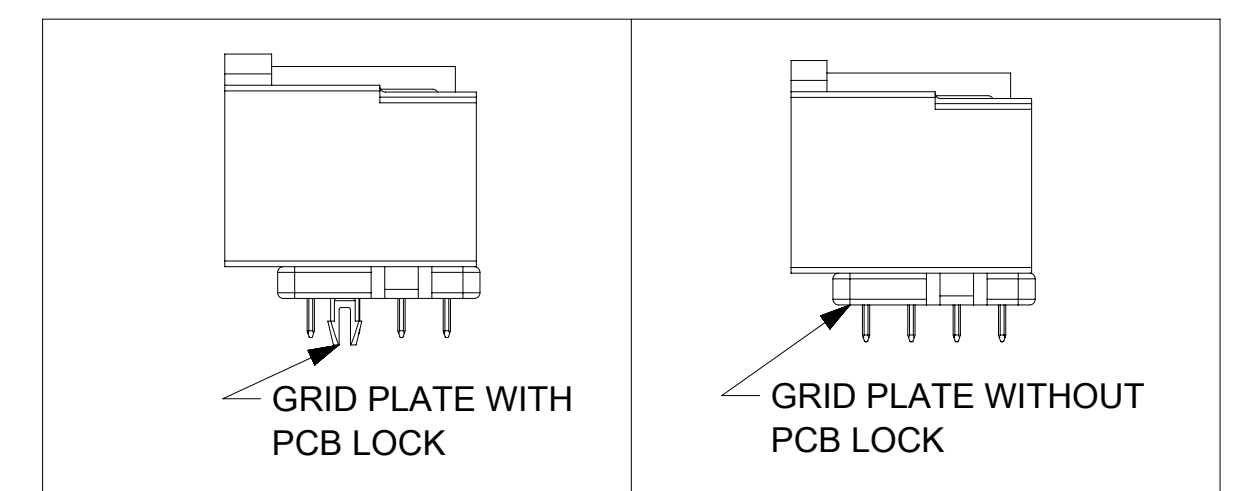
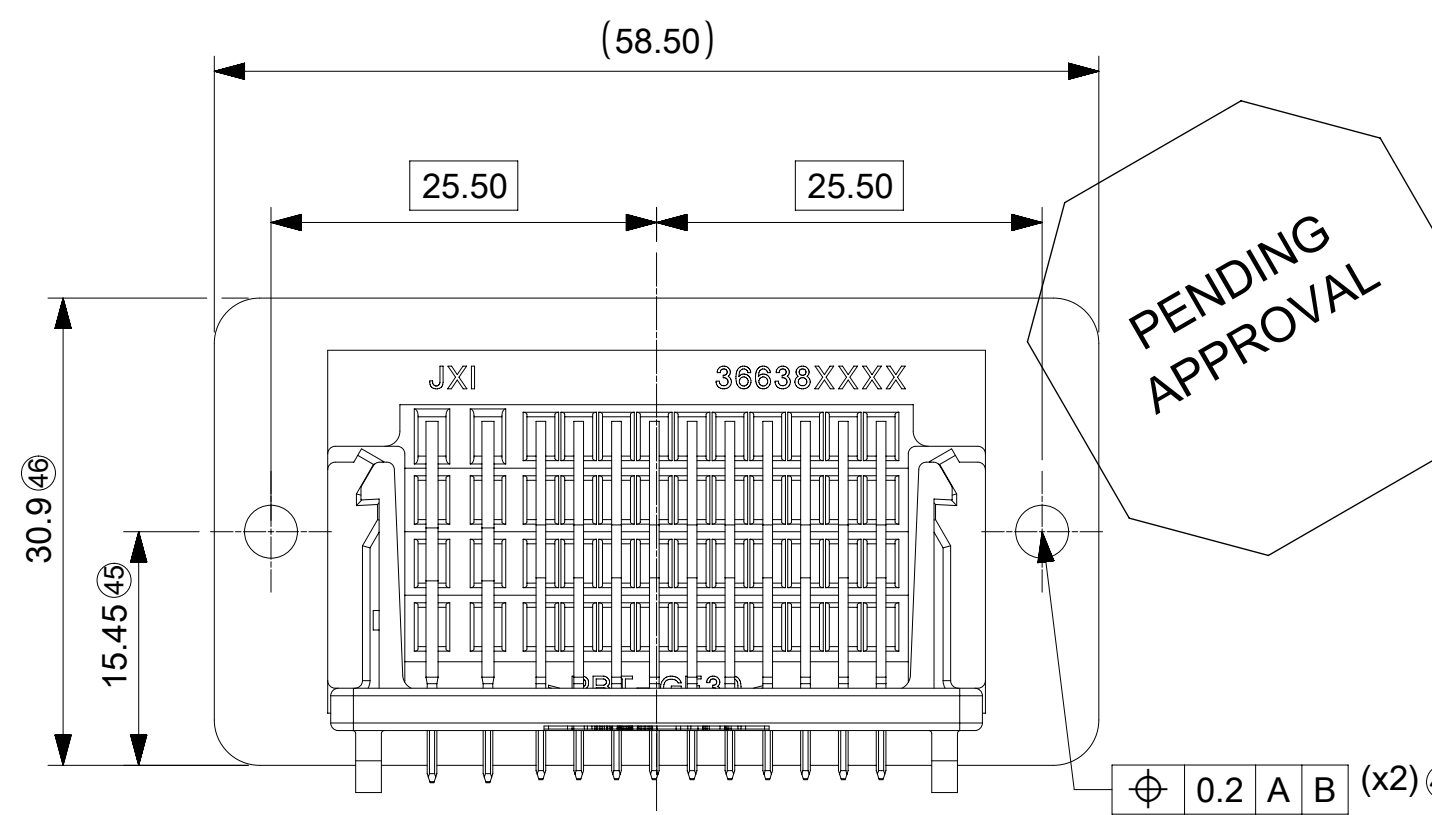
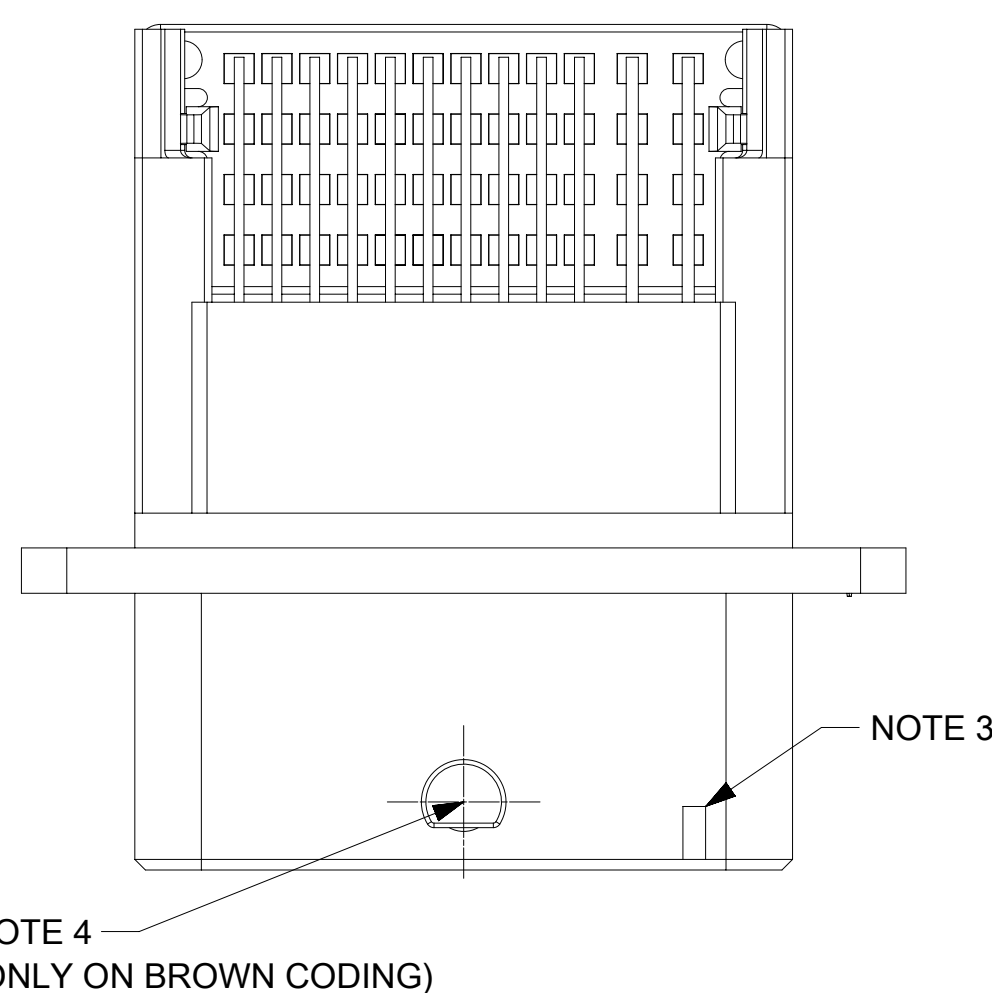
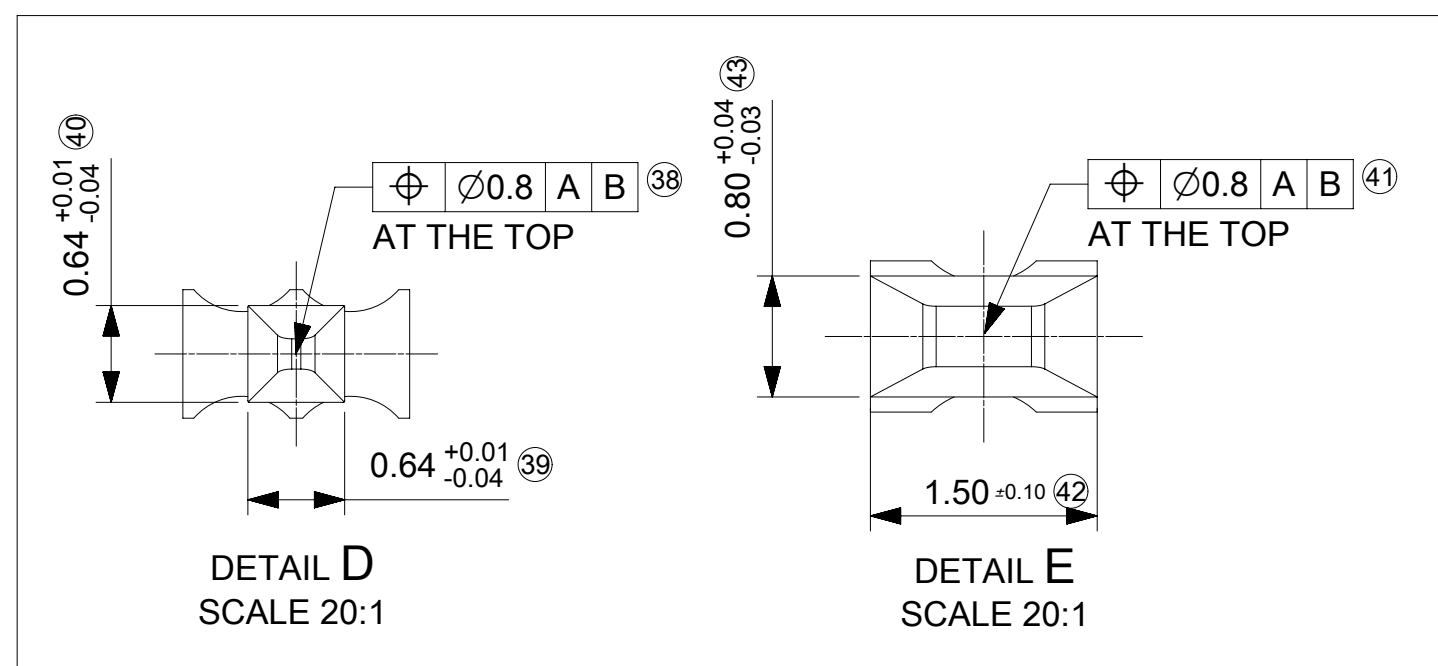
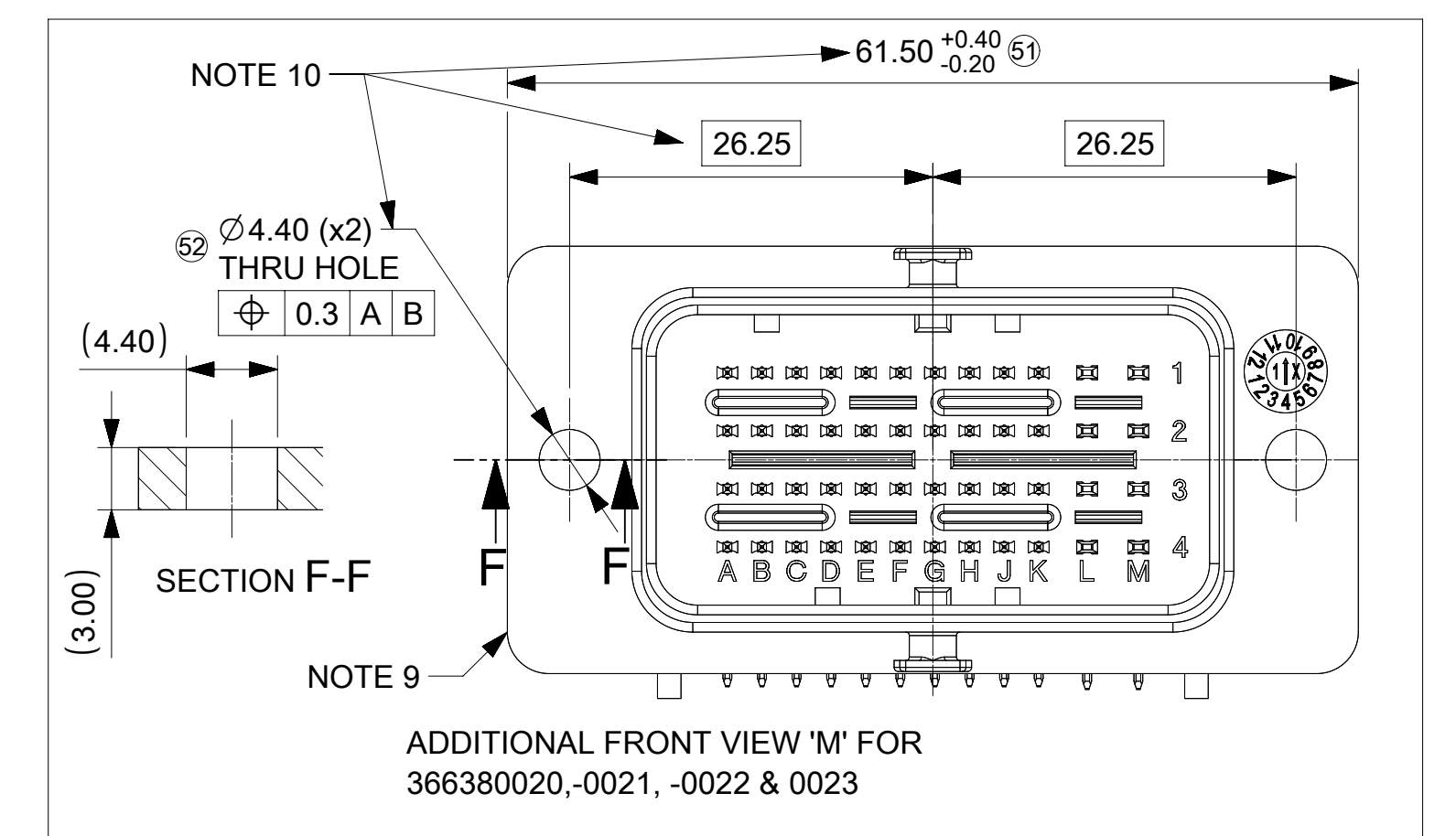
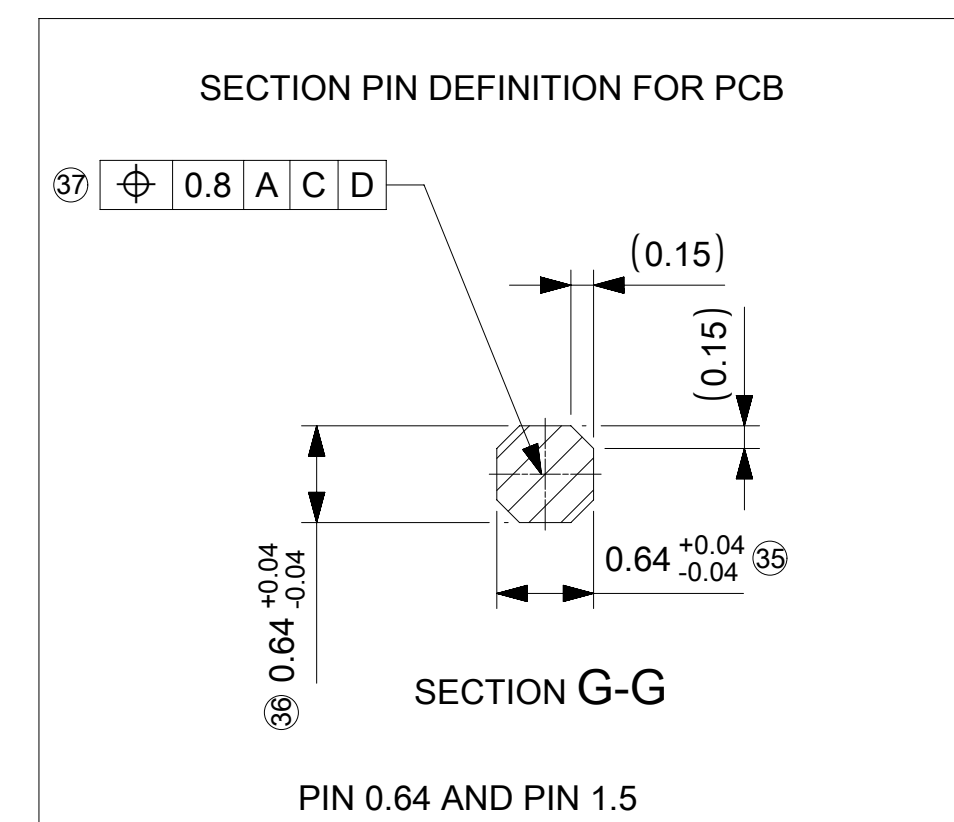
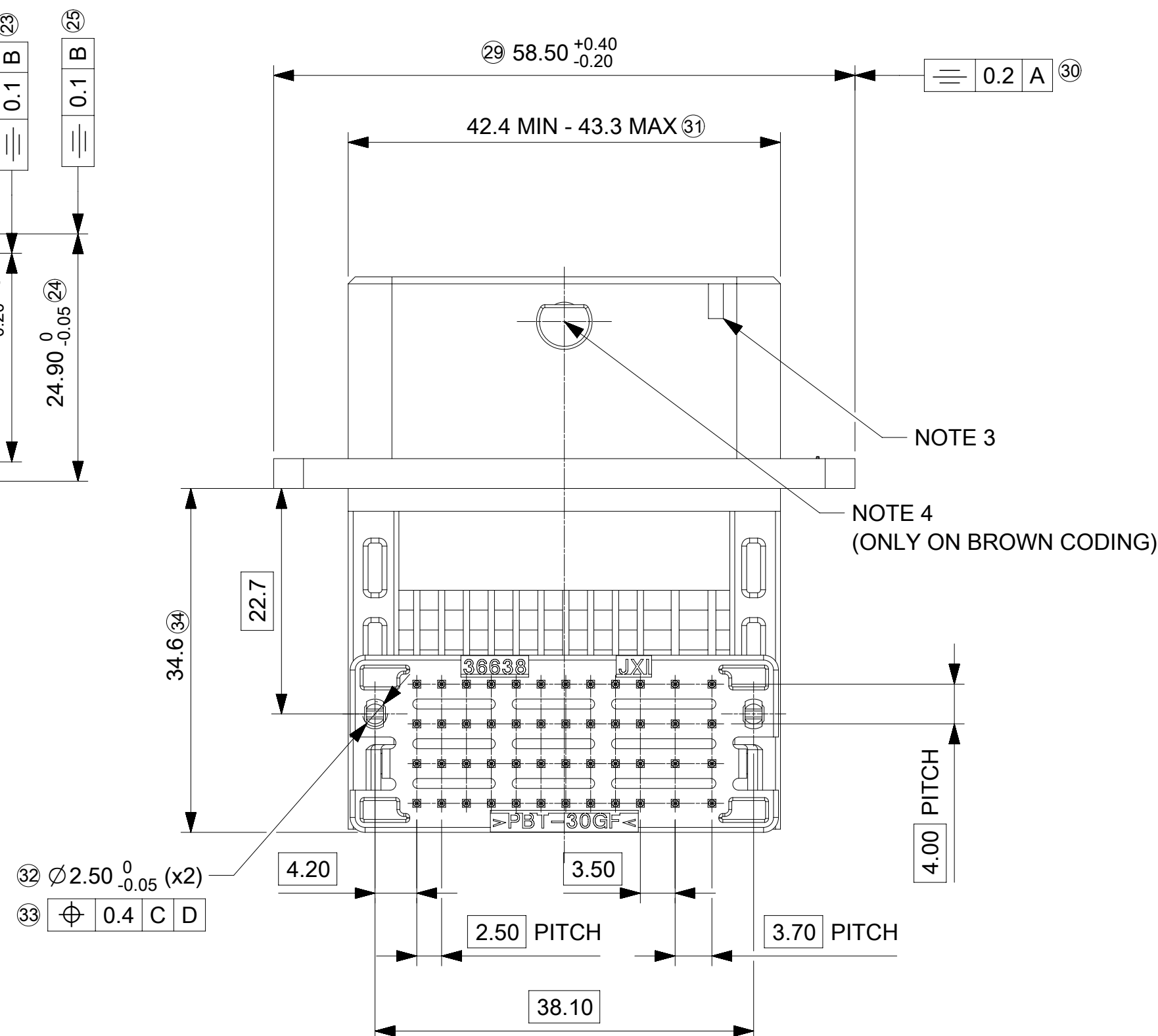
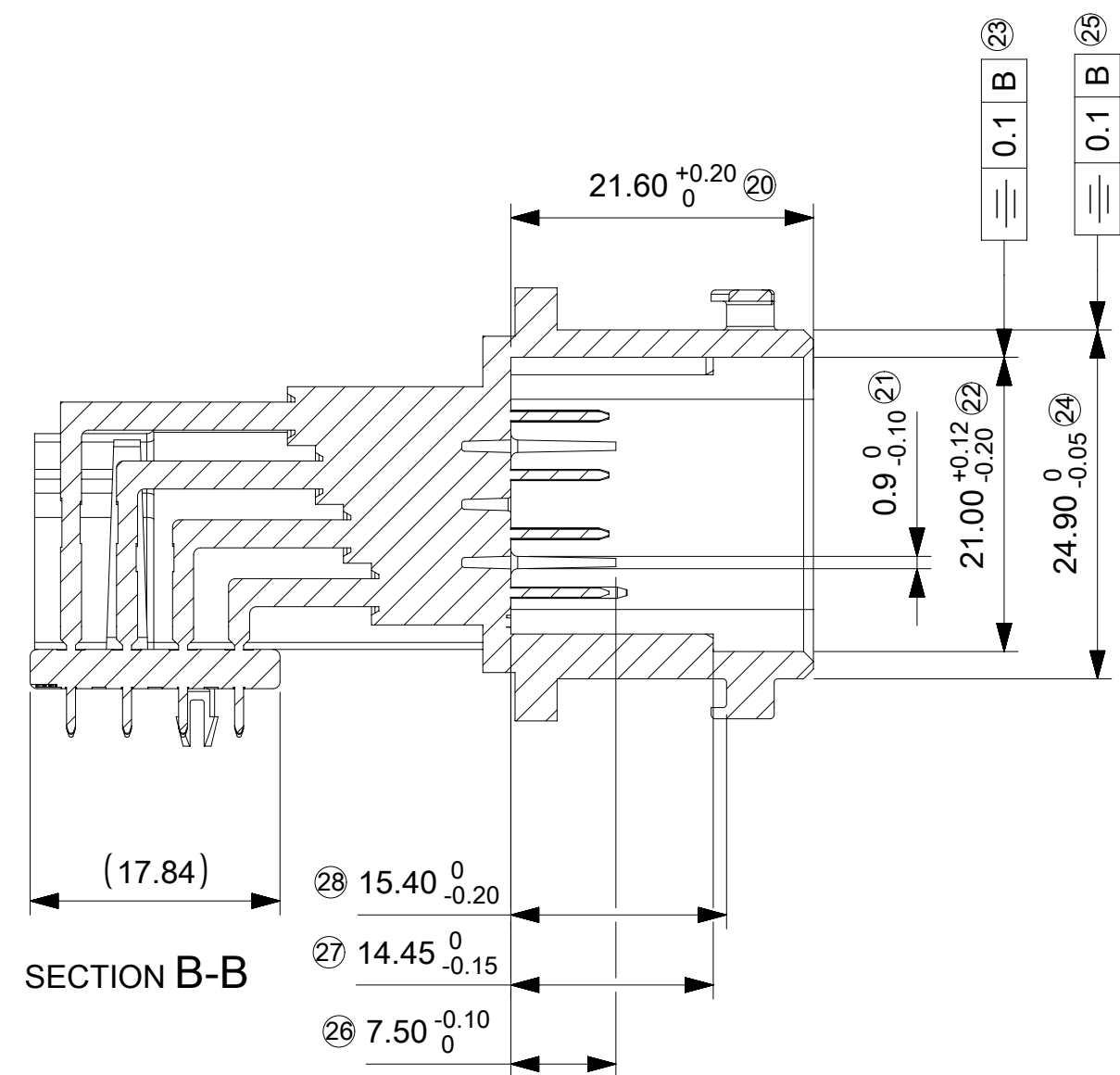
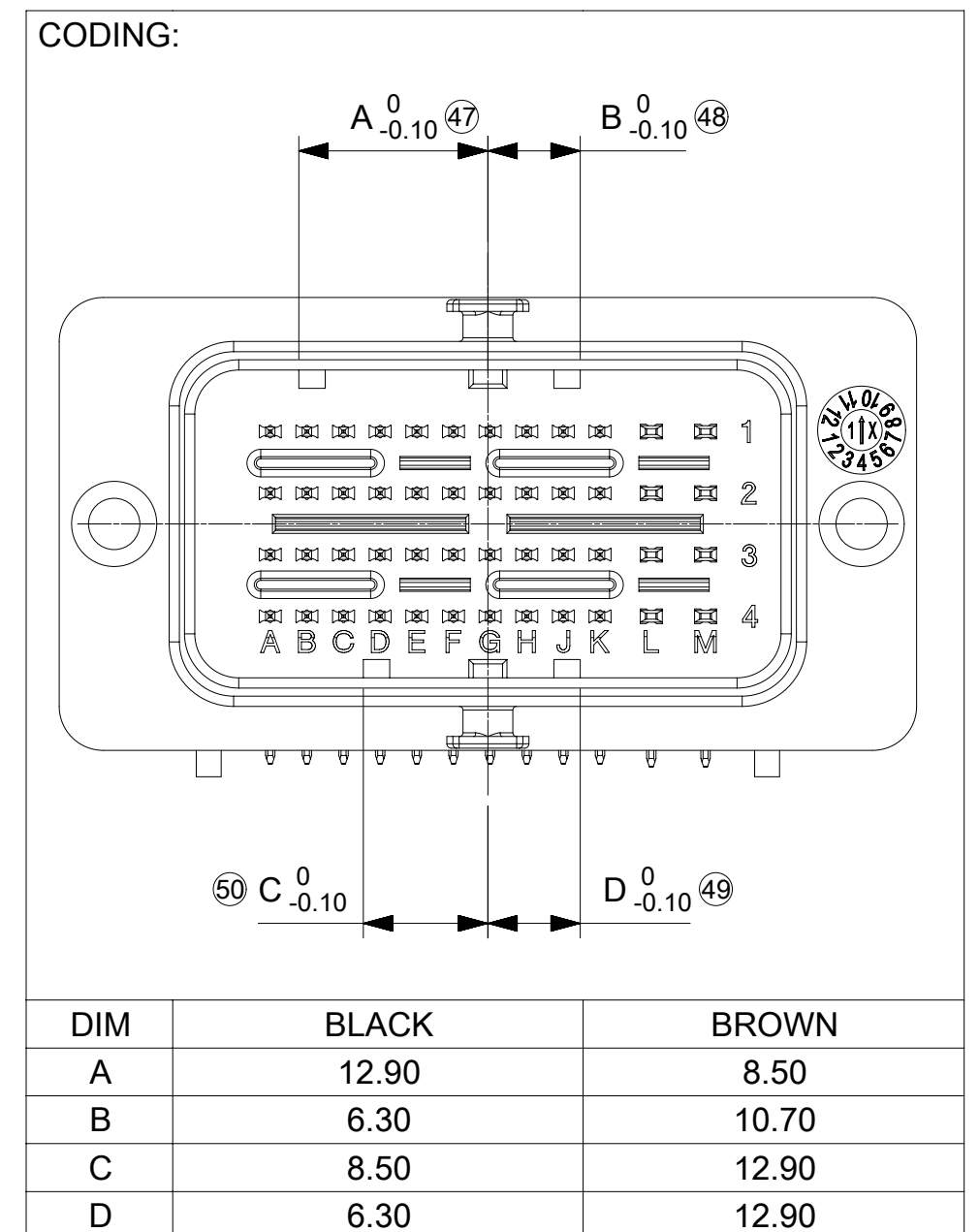
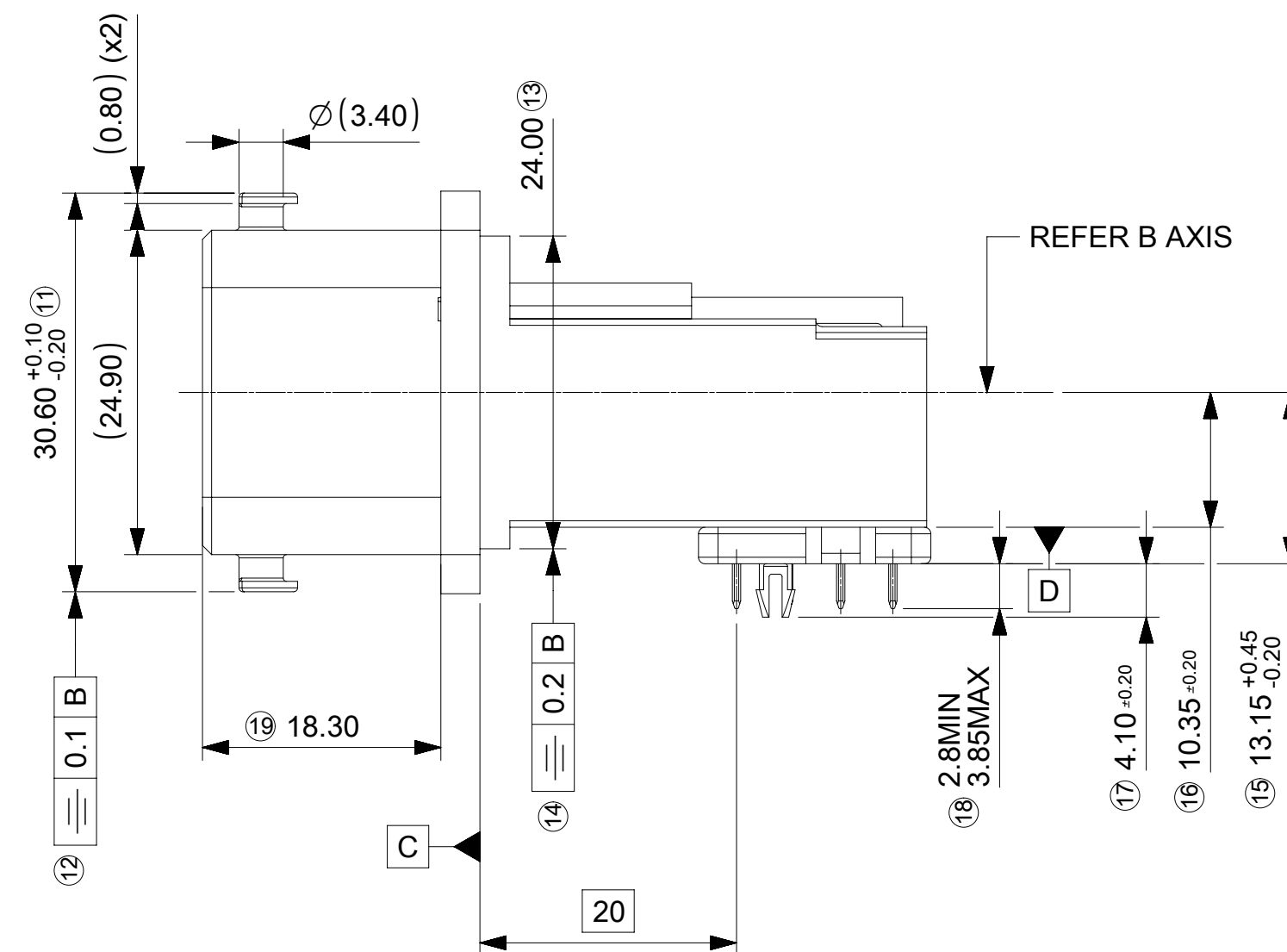
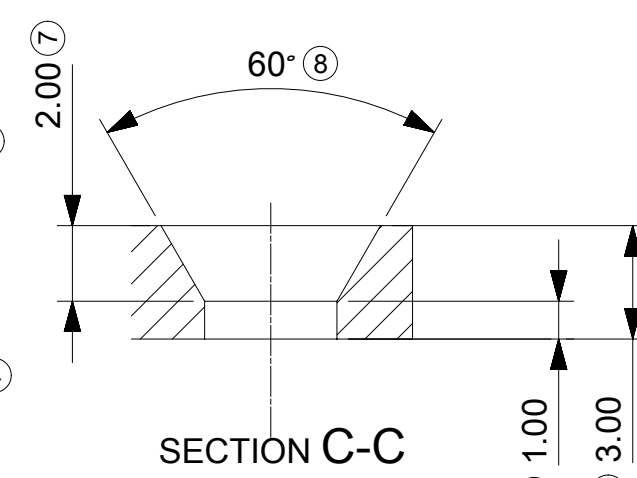
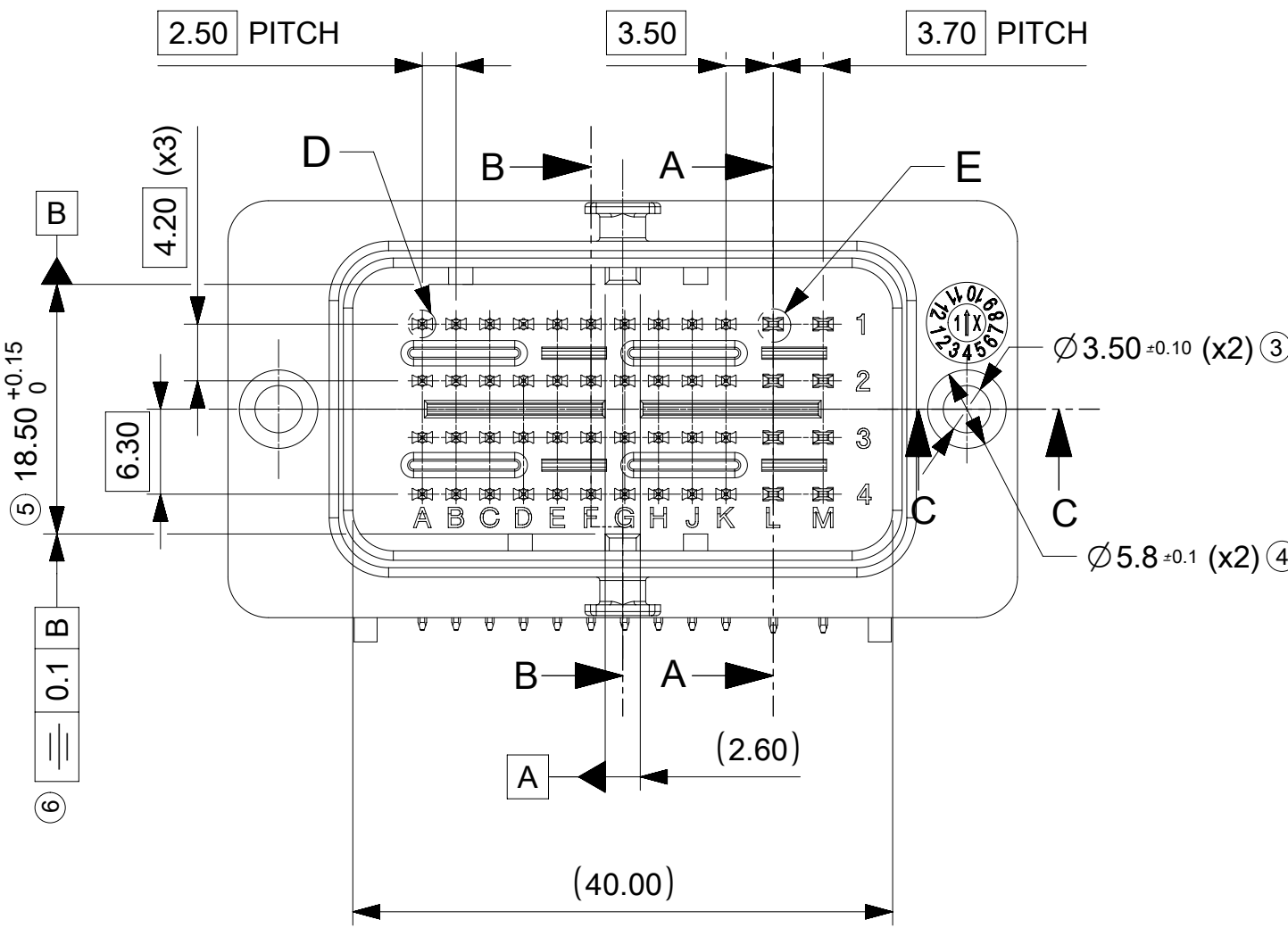
ADDITIONAL INFORMATION FOR PARTS 366380027 AND 366380028

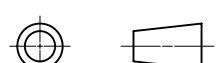
MOLEX ASSEMBLY PART NO	CUSTOMER	PART DESCRIPTION	48 CKT POCKET	48 CKT POCKET	36 CKT POCKET	36 CKT POCKET
366380002	GENERAL MARKET	ASSY CMC 48W 48CKT BLK WITH PCB LOCK	BLACK KEY			
366380004	GENERAL MARKET	ASSY CMC 48W 48CKT BLK W/O PCB LOCK	BLACK KEY			
366380006	GENERAL MARKET	ASSY CMC 48W 36CKT BLK WITH PCB LOCK			BLACK KEY	
366380008	GENERAL MARKET	ASSY CMC 48W 36CKT BLK W/O PCB LOCK			BLACK KEY	
366380013	GENERAL MARKET	ASSY CMC 48W 36CKT BLK WITH PCB LOCK			BLACK KEY	
366380019	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		



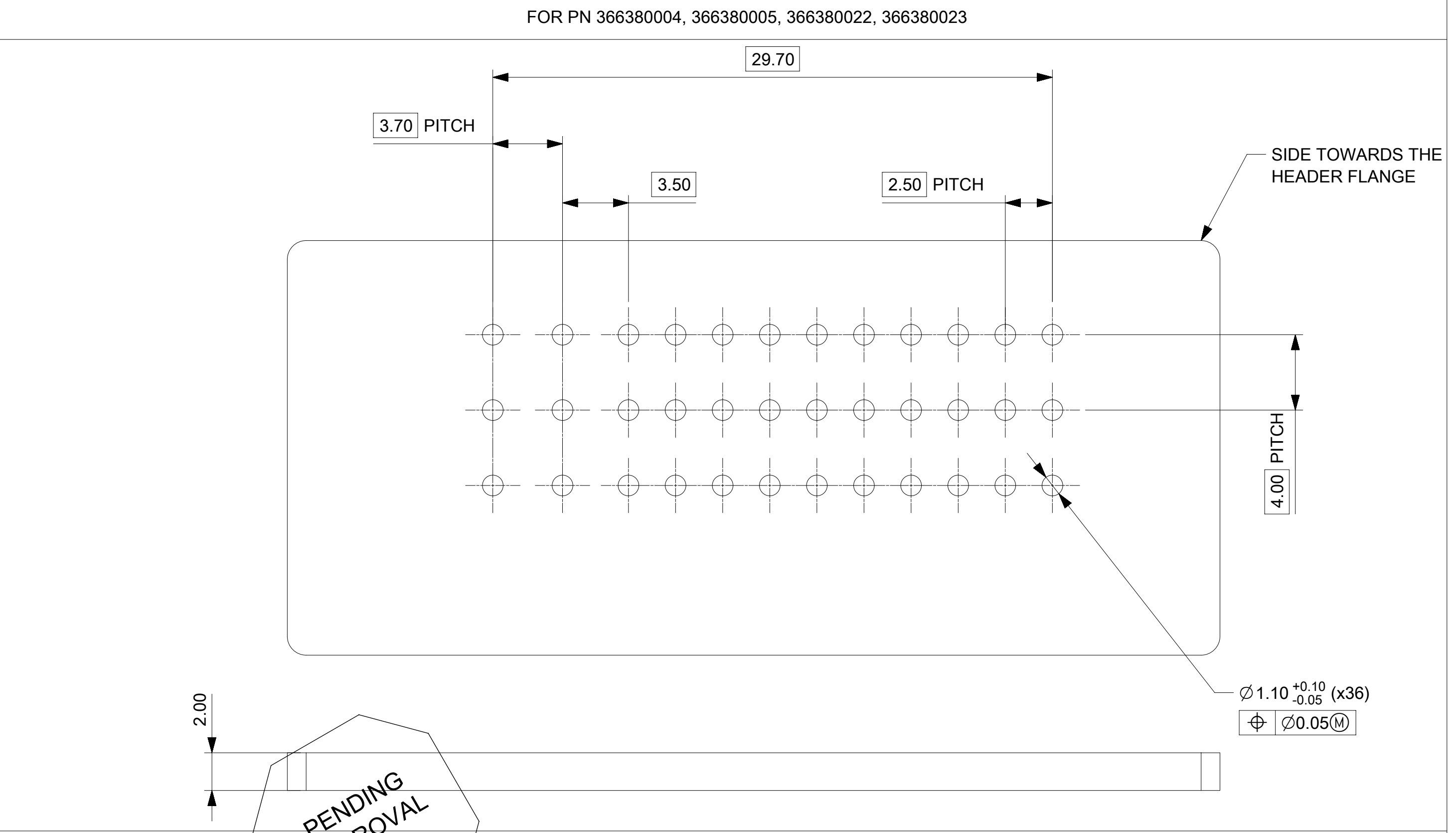
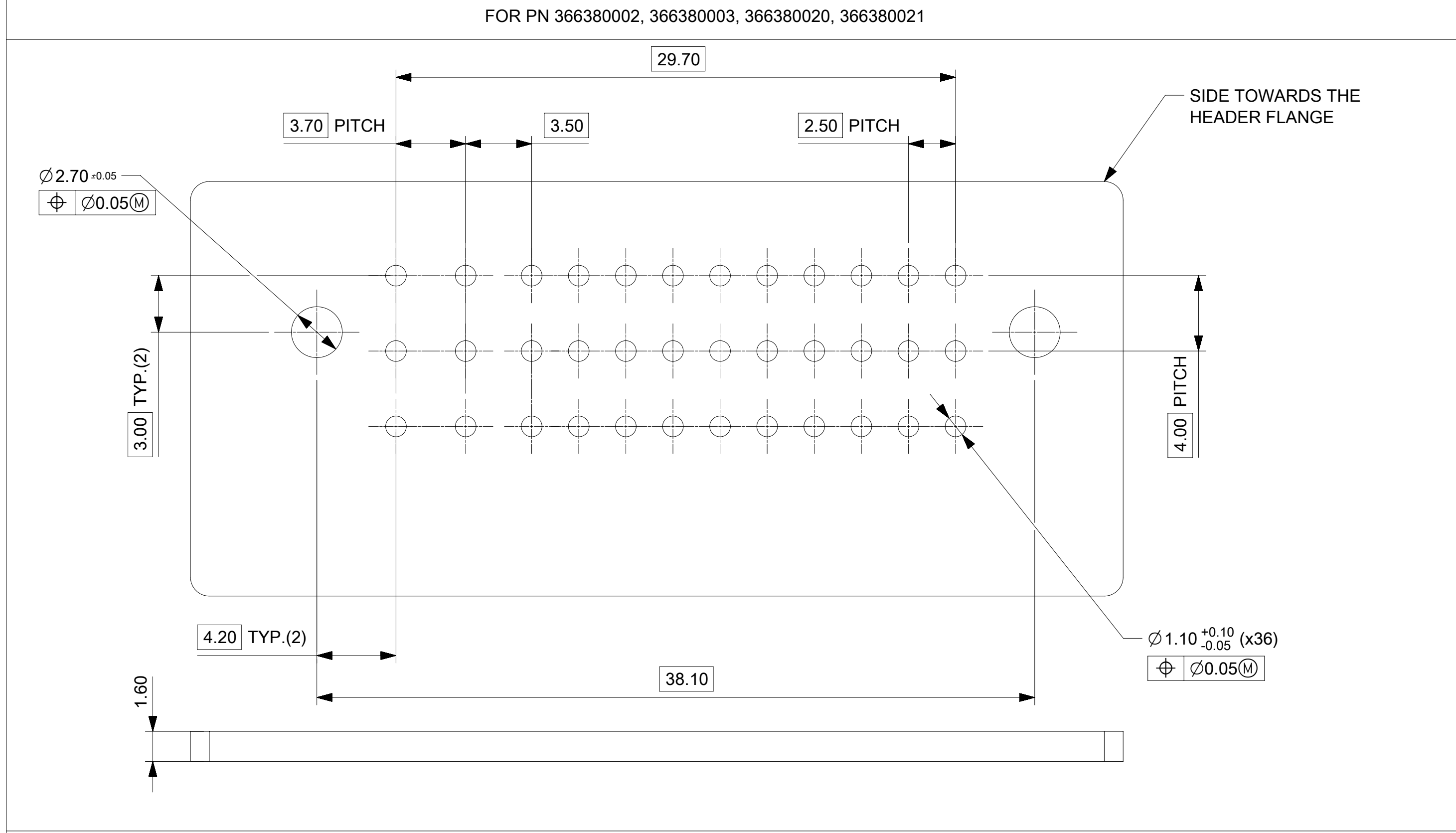
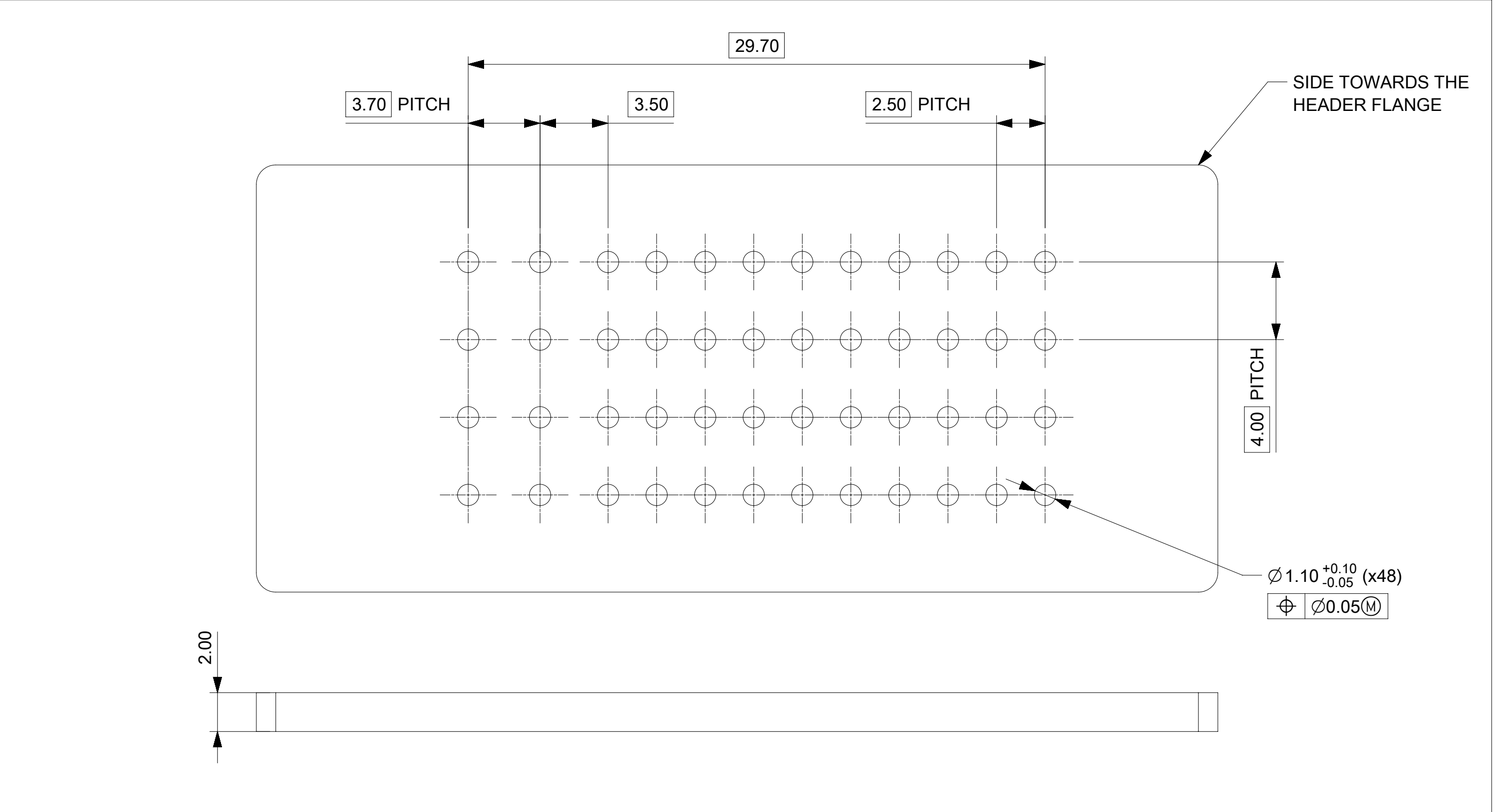
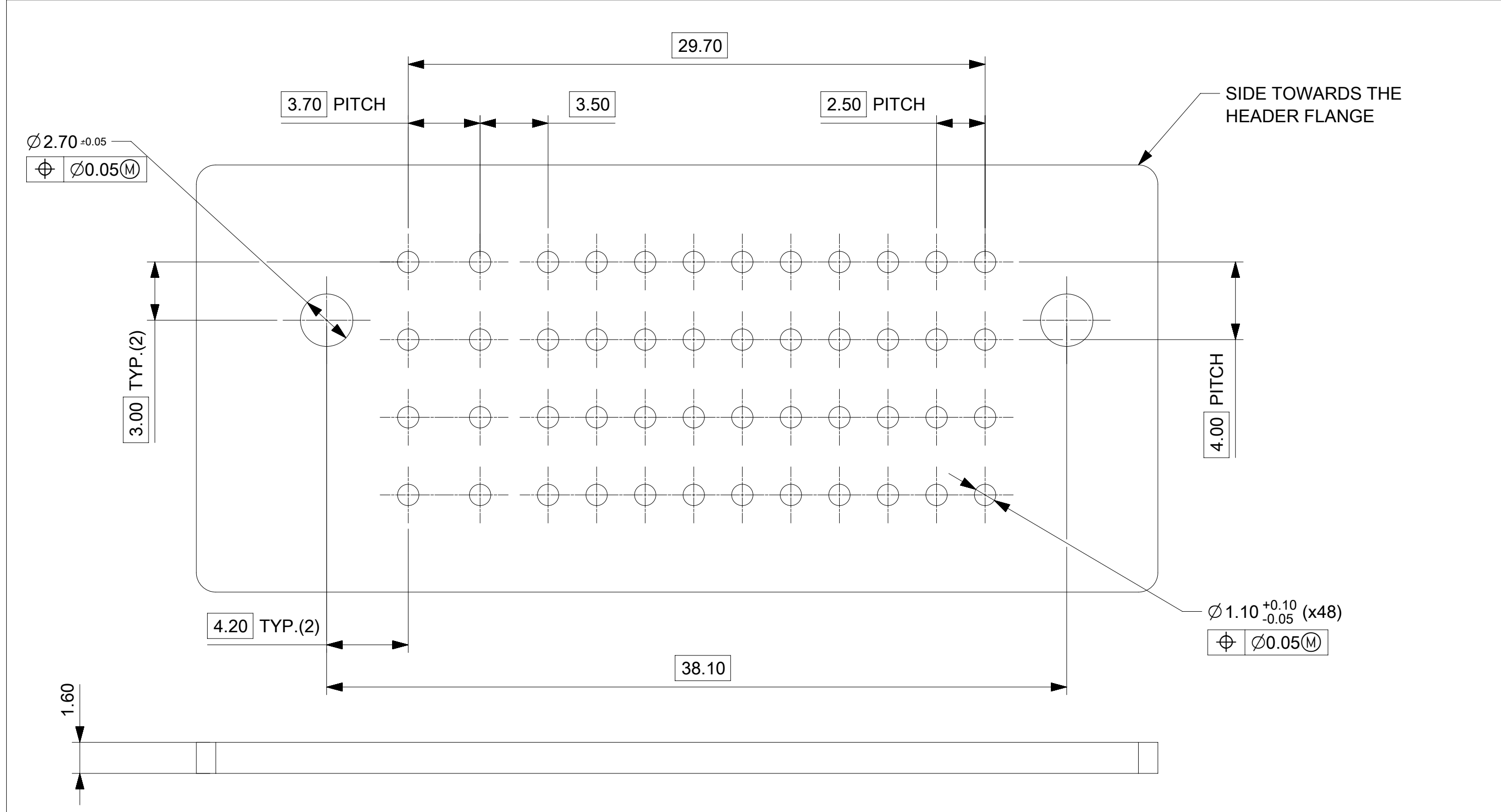
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DIMENSION UNITS		SCALE		CURRENT REV DESC: NX-REMASTER TO COMBINE SD-36638-002 AND SD-36638-013			<div>molex</div>					
mm		3:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 610357 DRWN: SSUVARNA CHK'D: APPR: INITIAL REVISION: DRWN: SSVARNA APPR: SLAFAURE			48CKT RA S CMC HEADER					
ANGULAR TOL ± 1.0 °												
4 PLACES		±										
3 PLACES		±										
2 PLACES		± 0.1										
1 PLACE		± 0.2		2019/01/14			PRODUCT CUSTOMER DRAWING					
0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
							366381000		PSD	000	A1	
				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				A1-SIZE		36638		SEE BOM TABLE		GENERAL MARKET		
										1 OF 4		

DOCUMENT STATUS	RQ	RELEASE DATE




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: NX-REMASTER TO COMBINE SD-36638-002 AND SD-36638-013					<div>molex</div>					
mm		2:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL ± 1.0 °														
4 PLACES		±		EC NO: 610357 DRWN: SSUVARNA 2019/01/14 CHK'D: APPR:					48CKT RA S CMC HEADER					
3 PLACES		±												
2 PLACES		± 0.1												
1 PLACE		± 0.2												
0 PLACES		±		INITIAL REVISION: DRWN: SSUVARNA 2018/12/20 APPR: SLAFAURE 2019/01/08					PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
						A1-SIZE		36638		366381000		PSD	000	A1
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
								SEE BOM TABLE		GENERAL MARKET		2 OF 4		

RECOMMENDED PCB PAYOUT



- 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 PATERN 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: NX-REMASTER TO COMBINE SD-36638-002 AND SD-36638-013				<div>molex</div> <div>48CKT RA S CMC HEADER</div> <div>PRODUCT CUSTOMER DRAWING</div>				
mm		5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 610357 DRWN: SSUVARNA 2019/01/14 CHK'D: APPR:						DOCUMENT NUMBER 366381000		DOC TYPE
ANGULAR TOL ± 1.0 °								PSD	000			A1
4 PLACES		±		INITIAL REVISION: DRWN: SSUVARNA 2018/12/20 APPR: SLAFAURE 2019/01/08				MATERIAL NUMBER SEE BOM TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 4
3 PLACES		±										
2 PLACES		± 0.1										
1 PLACE		± 0.2										
0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES					
				A1-SIZE		36638						

molex

48CKT RA S CMC HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
366381000	PSD	000	A1

DOCUMENT STATUS	RQ	RELEASE DATE

RECOMMENDED PANEL LAYOUT

The figure displays two technical drawings of recommended panel layouts for PN 366382020, 366382021, 366382022, and 366382023. Both drawings show a central rectangular panel with a coordinate system (A, B) and dimensions for mounting holes.


Left Drawing Dimensions:

- Horizontal dimensions: 51.0 (total), 25.5 (left), 25.5 (right).
- Vertical dimensions: 25.0 (total), 44.1 (bottom).
- Mounting hole diameter: $\varnothing 3.75^{+0.05}_{-0}$ (x2).
- Mounting hole position: $\varnothing 0.05$ A B.

Right Drawing Dimensions:

- Horizontal dimensions: 52.50 (total), 26.25 (left), 26.25 (right).
- Vertical dimensions: 25.0 (total), 44.10 (bottom).
- Mounting hole diameter: $\varnothing 4.40^{+0.05}_{-0}$ (x2).
- Mounting hole position: $\varnothing 0.05$ A B.

RECOMMENDED LAYOUT FOR PN 366382020, 366382021, 366382022, 366382023



DOCUMENT STATUS	RQ	RELEASE DATE	
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