

LOC	DIST	REVISIONS			
-	-	REV	LYR	DESCRIPTION	DATE
		B		REV PER ECO-08-032072	19JAN2009

1. PART NUMBER CHANGES AND OR DESIGN CHANGES AFFECTING ITEM INTERCHANGEABILITY REQUIRE PRIOR TYCO ELECTRONICS APPROVAL AND AUTHORIZATION BY REVISION TO THIS DRAWING.

2. MATERIALS:
INSULATORS: THERMOPLASTIC, GLASS REINFORCED
UL94V-0 FLAMMABILITY RATED
CONTACTS: COPPER ALLOY

3. FINISHES:
CONTACTS: SELECTIVE GOLD PLATE: 0.76µm MIN THK
OVER NICKEL: 1.27µm MIN THK
TERMINALS: TIN PLATE: 2.54µm MIN THK
OVER NICKEL: 1.27µm MIN THK

4. CONNECTOR ACCEPTS 1.57±0.13 THICK PCB.

5. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT

6. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

TYCO ELECTRONICS PN

XXXXXXXX-X

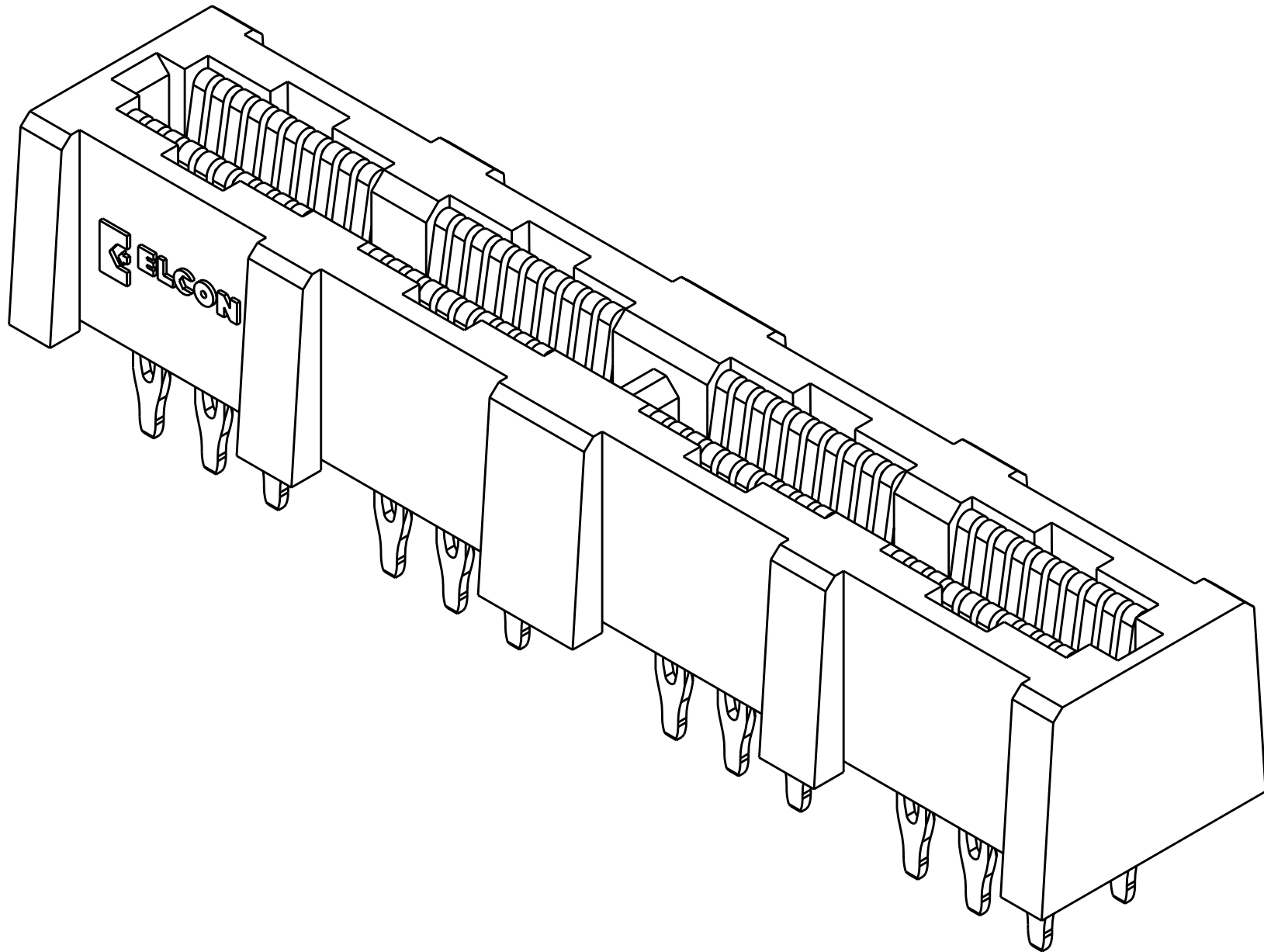
DATE CODE (e.g. 0425)

YEARWEEK

XXXX

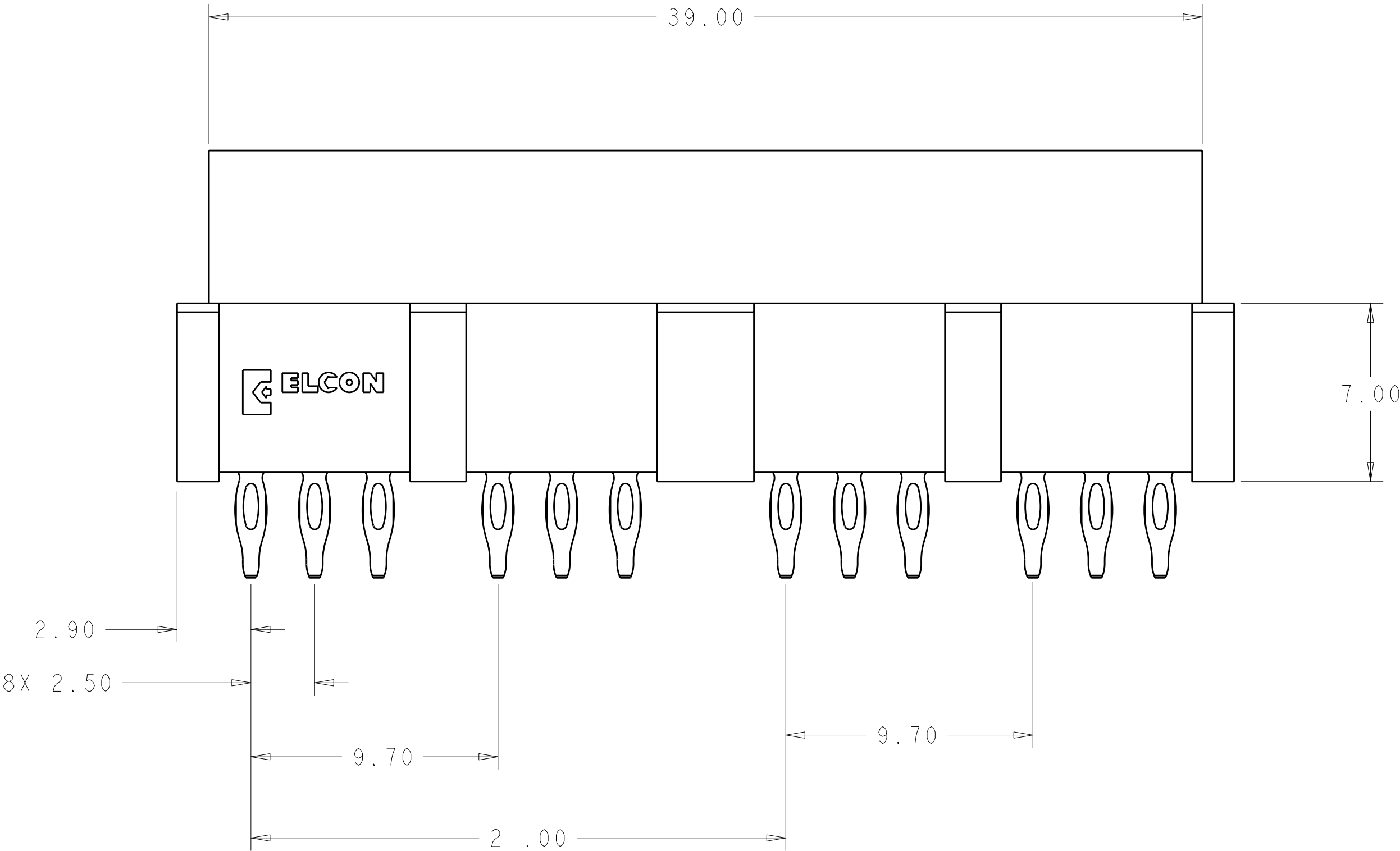
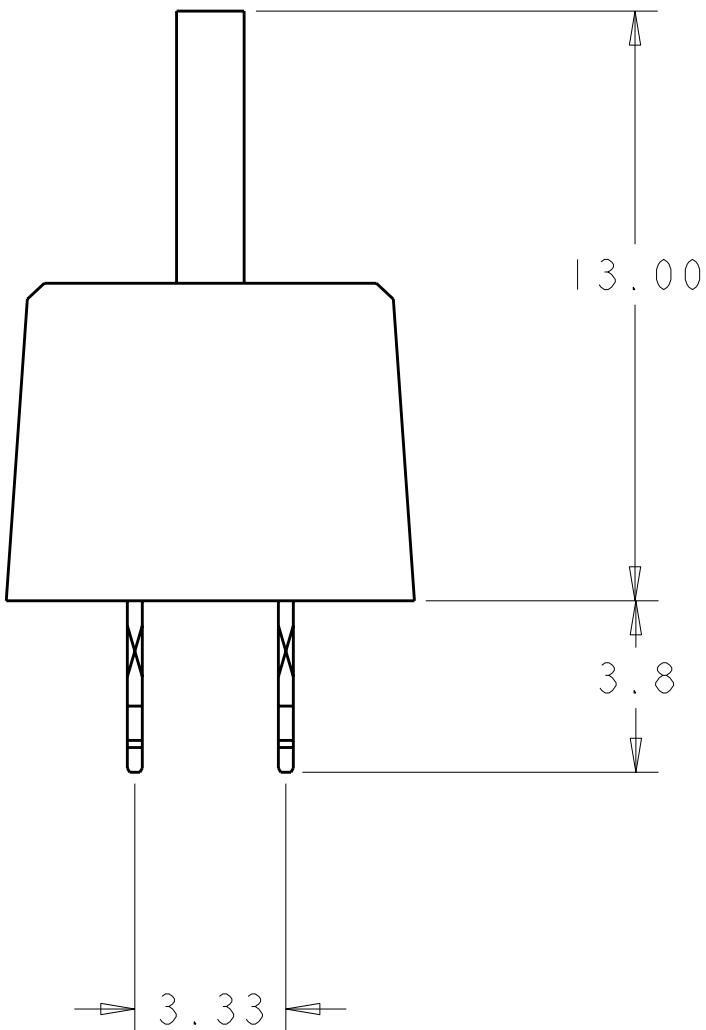
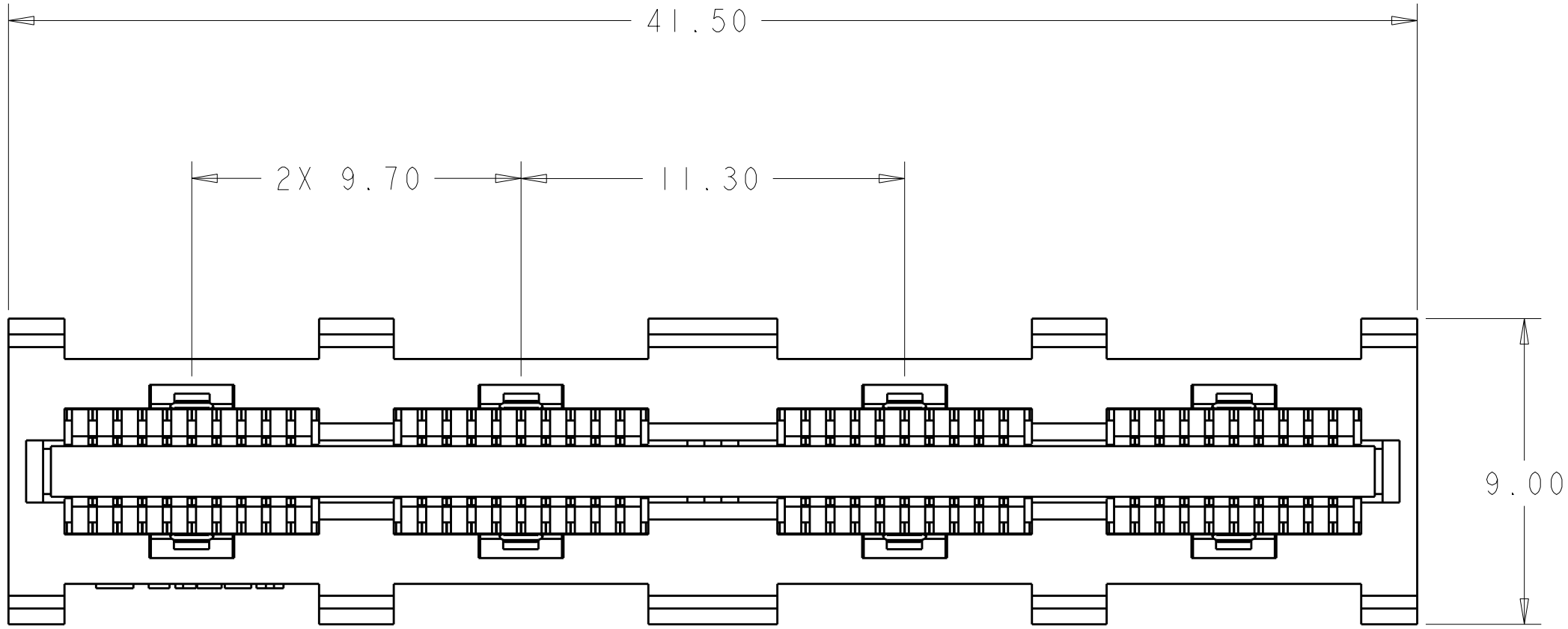
8. REFERENCE TYCO ELECTRONICS PART NUMBER 1766355-1

9. RECOMMENDED PRINTED CIRCUIT HOLE:
FINISHED HOLE: Ø1.02±0.08
DRILLED HOLE: Ø1.15±0.013
COPPER PLATE: 0.025 MINIMUM (PER SURFACE)
TIN PLATE: 0.008 MINIMUM (PER SURFACE)



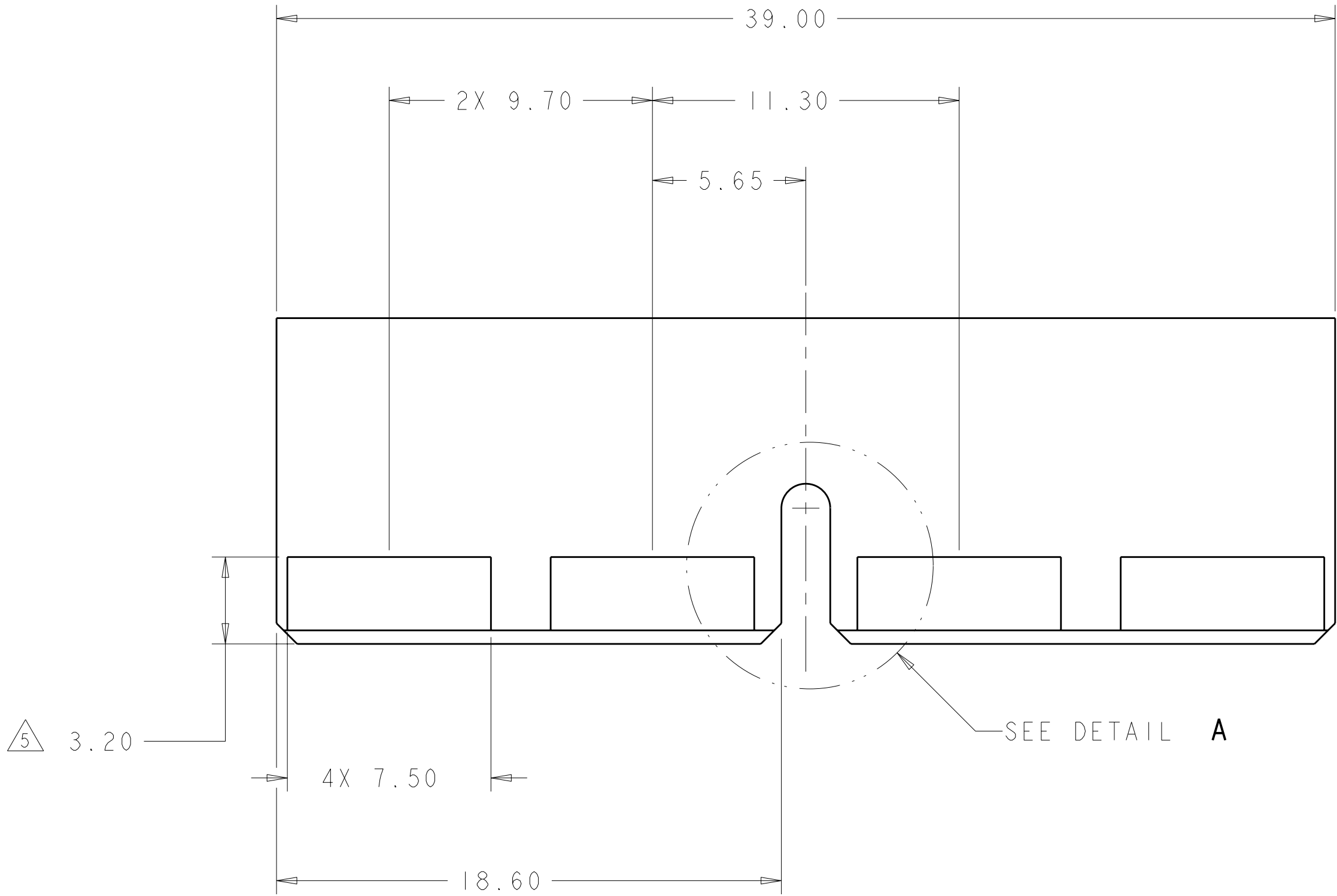
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DIMENSIONS: mm		CHK P. DAMATO	19JAN2009	NAME MC-P4S0 MINI CROWNEDGE 4 POWERS, COMPLIANT PRESS FIT	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.2 FINISH -		APVD M. PERCHERKE	19JAN2009	RESTRICTED TO -	
MATERIAL -		PRODUCT SPEC -		SIZE A100779	
CUSTOMER DRAWING		APPLICATION SPEC -		DRAWING NO C=1766355	
SCALE 6:1		WEIGHT -		SHEET 1 OF 3	
				REV B	

LOC		DIST		REVISIONS					
-		-		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

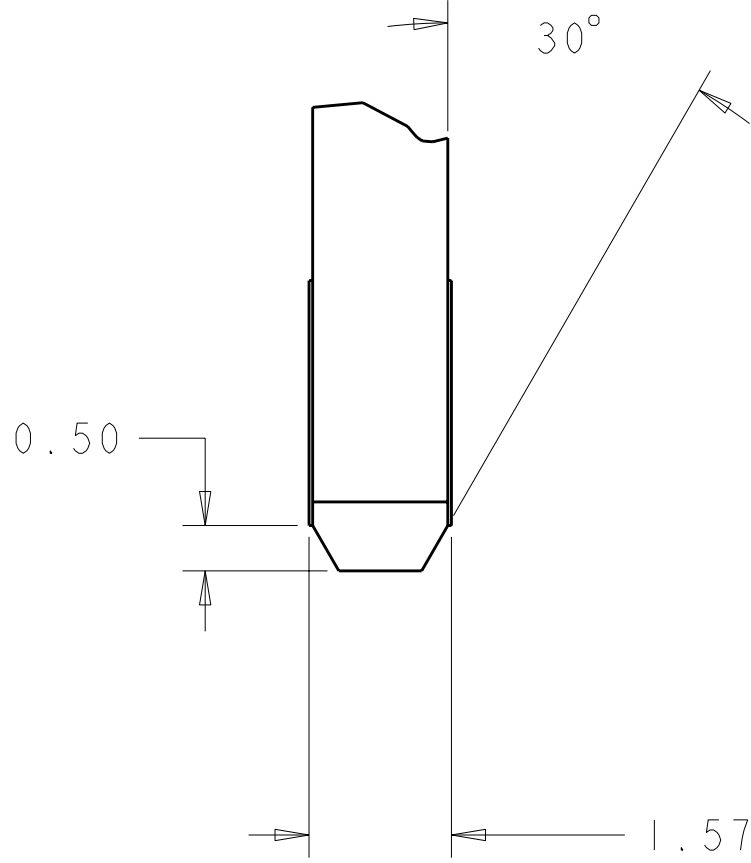


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				CHK	P. DAMATO	19JAN2009		
				APVD	M. PERCHERKE	19JAN2009	NAME	
				PRODUCT SPEC			MC-P450 MINI CROWNEDGE	
				APPLICATION SPEC			4 POWERS, COMPLIANT PRESS FIT	
				WEIGHT			-	
				CUSTOMER DRAWING			SCALE 6:1 SHEET 2 OF 3 REV B	

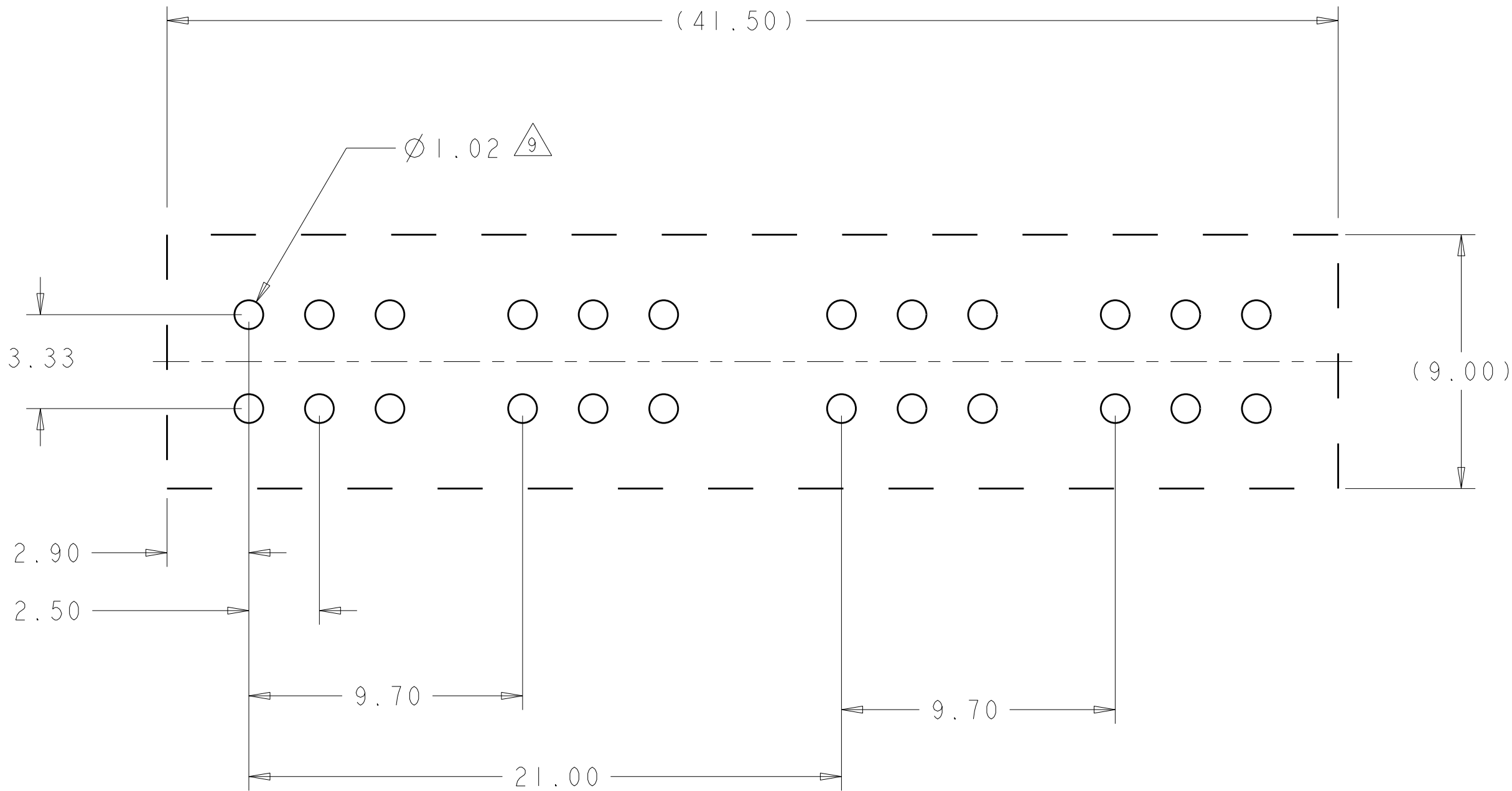
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



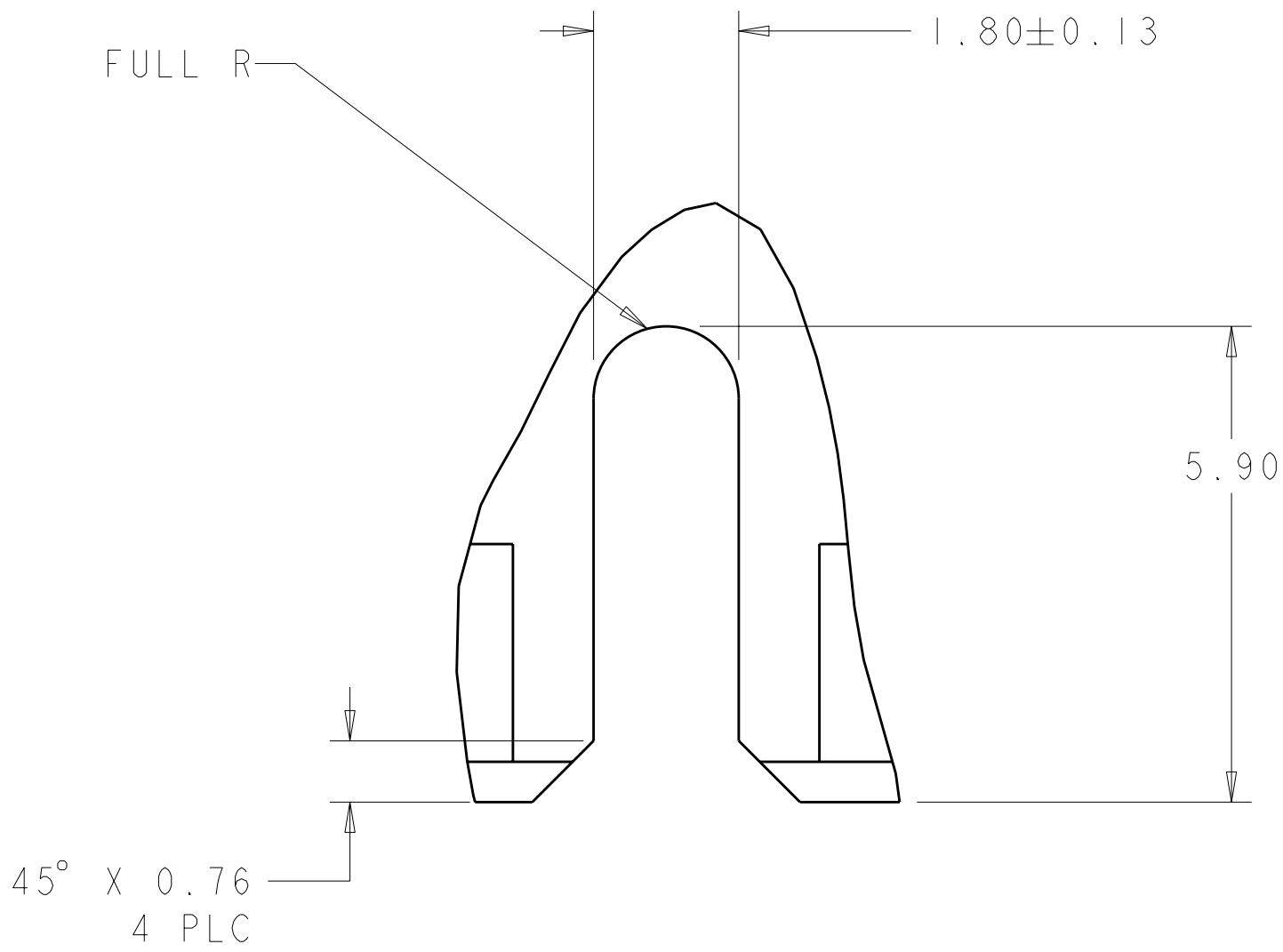
RECOMMENDED MATING BOARD



SCALE 12:1



RECOMMENDED PCB LAYOUT



DETAIL A
SCALE 12:1

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EGR P. DAMATO 19JAN2009		NAME MC-P450 MINI CROWNEDGE 4 POWERS, COMPLIANT PRESS FIT	RESTRICTED TO	
APVD M. PERCHERKE 19JAN2009		PRODUCT SPEC	SIZE A100779	
APPLICATION SPEC		WEIGHT	CAGE CODE C=1766355	
MATERIAL		CUSTOMER DRAWING	SCALE 6:1	
FINISH		REVISIONS	SHEET 3 OF 3	
DIMENSIONS:		OTHERWISE SPECIFIED:	REV B	
mm	9 PLC ±.5	2 PLC ±.5		
	3 PLC ±.25	4 PLC ±.25		
	5 PLC ±.25	6 PLC ±.25		
	7 PLC ±.25	8 PLC ±.25		
	9 PLC ±.25	10 PLC ±.25		
	11 PLC ±.25	12 PLC ±.25		
	13 PLC ±.25	14 PLC ±.25		
	15 PLC ±.25	16 PLC ±.25		
	17 PLC ±.25	18 PLC ±.25		
	19 PLC ±.25	20 PLC ±.25		
	21 PLC ±.25	22 PLC ±.25		
	23 PLC ±.25	24 PLC ±.25		
	25 PLC ±.25	26 PLC ±.25		
	27 PLC ±.25	28 PLC ±.25		
	29 PLC ±.25	30 PLC ±.25		
	31 PLC ±.25	32 PLC ±.25		
	33 PLC ±.25	34 PLC ±.25		
	35 PLC ±.25	36 PLC ±.25		
	37 PLC ±.25	38 PLC ±.25		
	39 PLC ±.25	40 PLC ±.25		
	41 PLC ±.25	42 PLC ±.25		
	43 PLC ±.25	44 PLC ±.25		
	45 PLC ±.25	46 PLC ±.25		
	47 PLC ±.25	48 PLC ±.25		
	49 PLC ±.25	50 PLC ±.25		
	51 PLC ±.25	52 PLC ±.25		
	53 PLC ±.25	54 PLC ±.25		
	55 PLC ±.25	56 PLC ±.25		
	57 PLC ±.25	58 PLC ±.25		
	59 PLC ±.25	60 PLC ±.25		
	61 PLC ±.25	62 PLC ±.25		
	63 PLC ±.25	64 PLC ±.25		
	65 PLC ±.25	66 PLC ±.25		
	67 PLC ±.25	68 PLC ±.25		
	69 PLC ±.25	70 PLC ±.25		
	71 PLC ±.25	72 PLC ±.25		
	73 PLC ±.25	74 PLC ±.25		
	75 PLC ±.25	76 PLC ±.25		
	77 PLC ±.25	78 PLC ±.25		
	79 PLC ±.25	80 PLC ±.25		
	81 PLC ±.25	82 PLC ±.25		
	83 PLC ±.25	84 PLC ±.25		
	85 PLC ±.25	86 PLC ±.25		
	87 PLC ±.25	88 PLC ±.25		
	89 PLC ±.25	90 PLC ±.25		
	91 PLC ±.25	92 PLC ±.25		
	93 PLC ±.25	94 PLC ±.25		
	95 PLC ±.25	96 PLC ±.25		
	97 PLC ±.25	98 PLC ±.25		
	99 PLC ±.25	100 PLC ±.25		