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LOC		DIST		REVISIONS				
-	-	P	LYR	DESCRIPTION	DATE	OWN	APVD	
		B		REV PER ECO-08-032072	15JAN2009	CR	PD	
		C		REV PER ECO-10-019210	04NOV2010	RG	MS	

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:

CONTACT PLATING:	SELECTIVE GOLD:	0.76 μ m	MIN	THK
	OVER NICKEL:	1.27 μ m	MIN	THK
TERMINALS:	TIN:	1.78 μ m	THK	
	OVER NICKEL:	1.27 μ m	MIN	THK

4. CONNECTOR ACCEPTS $1.57 \pm .13$ THK PCB.

5 KEEP OUT AREA FOR COMPONENTS ONLY.

△6 RECOMMENDED PRINTED CIRCUIT HOLE
FINISHED HOLE: $\varnothing 1.02 \pm .08$
DRILLED HOLE: $\varnothing 1.15 \pm .013$
COPPER PLATE: .025 MINIMUM (PER SURFACE)
TIN PLATE: .008 MINIMUM (PER SURFACE)

 FEATURE REQUIRED FOR USE WITH LATCH.

8. CAUTION: LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR. DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING LATCHES. DAMAGE TO LATCHES AND/OR CONNECTOR MAY OCCUR.

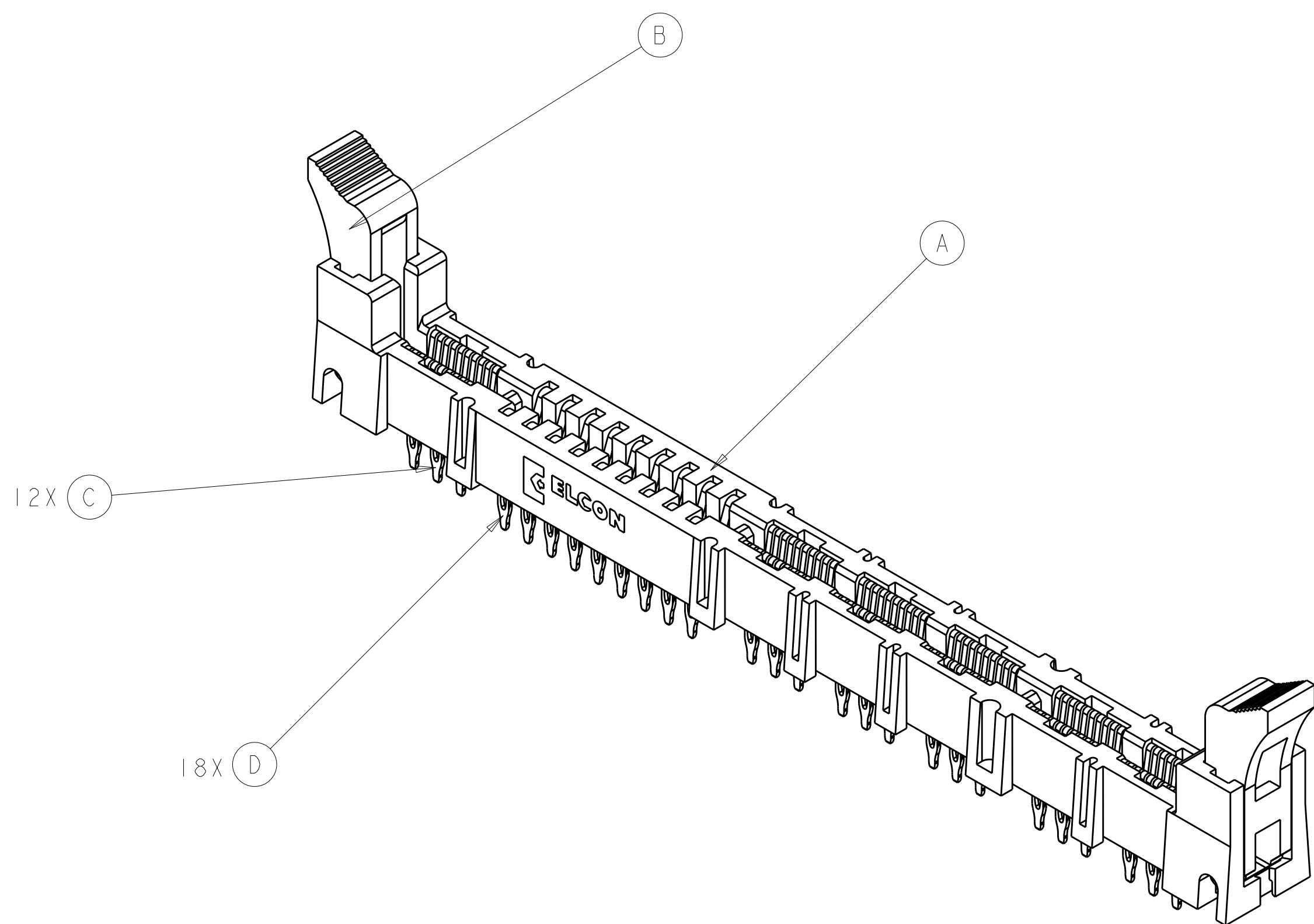
△₉ RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

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

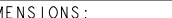
IDENTIFIED FOR THE FOLLOWING IDENTIFIER:

TYCO ELECTRONICS PN DATE CODE (e.g. 0325)

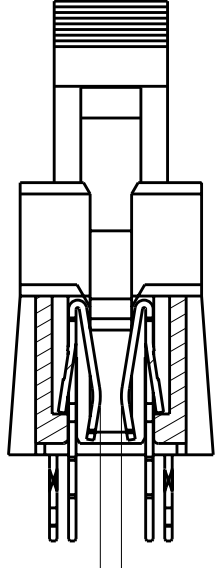
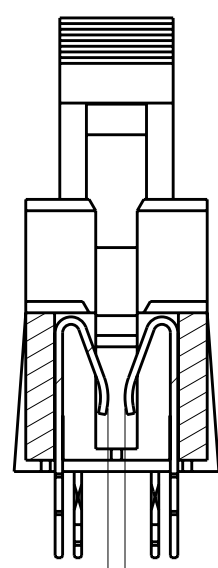
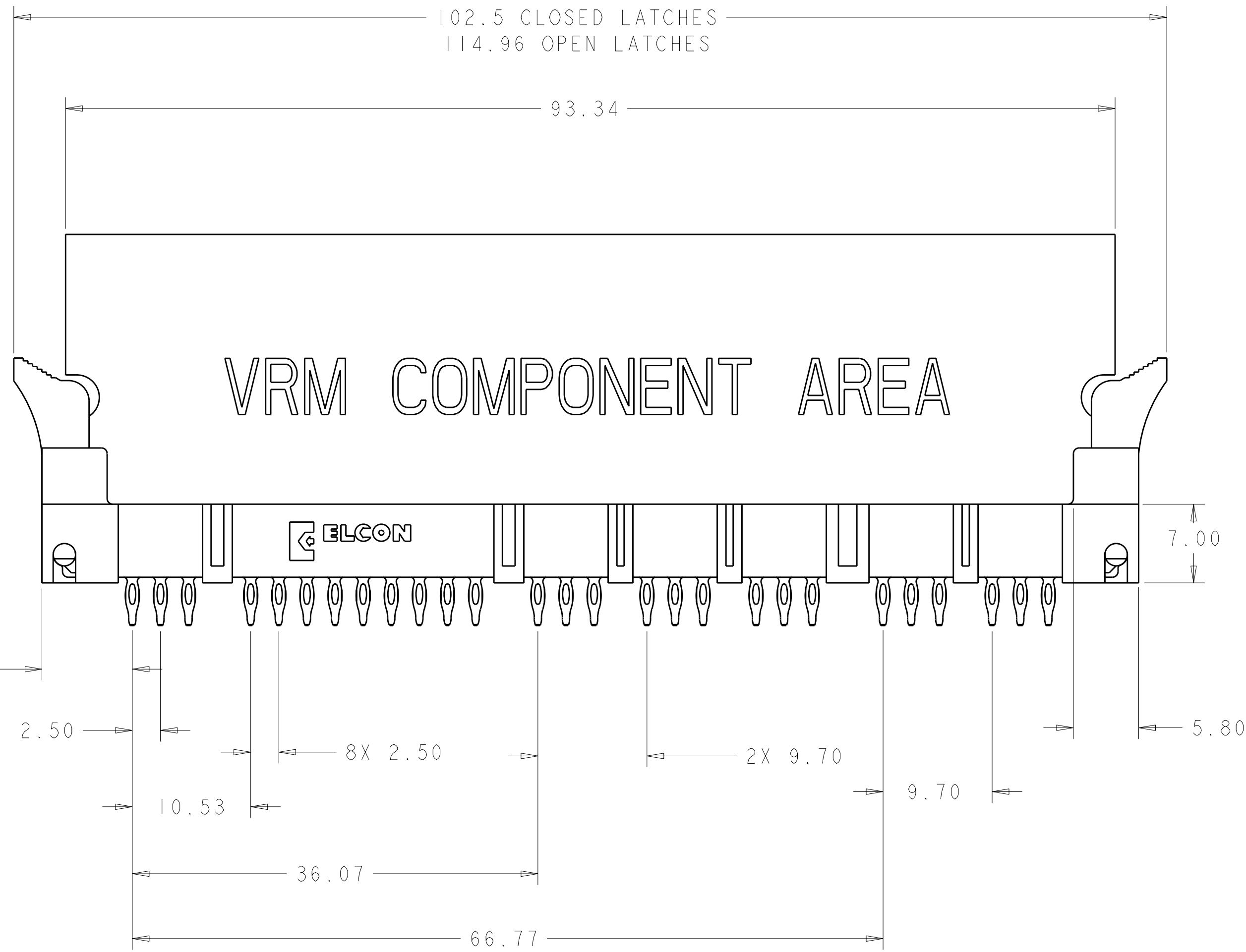
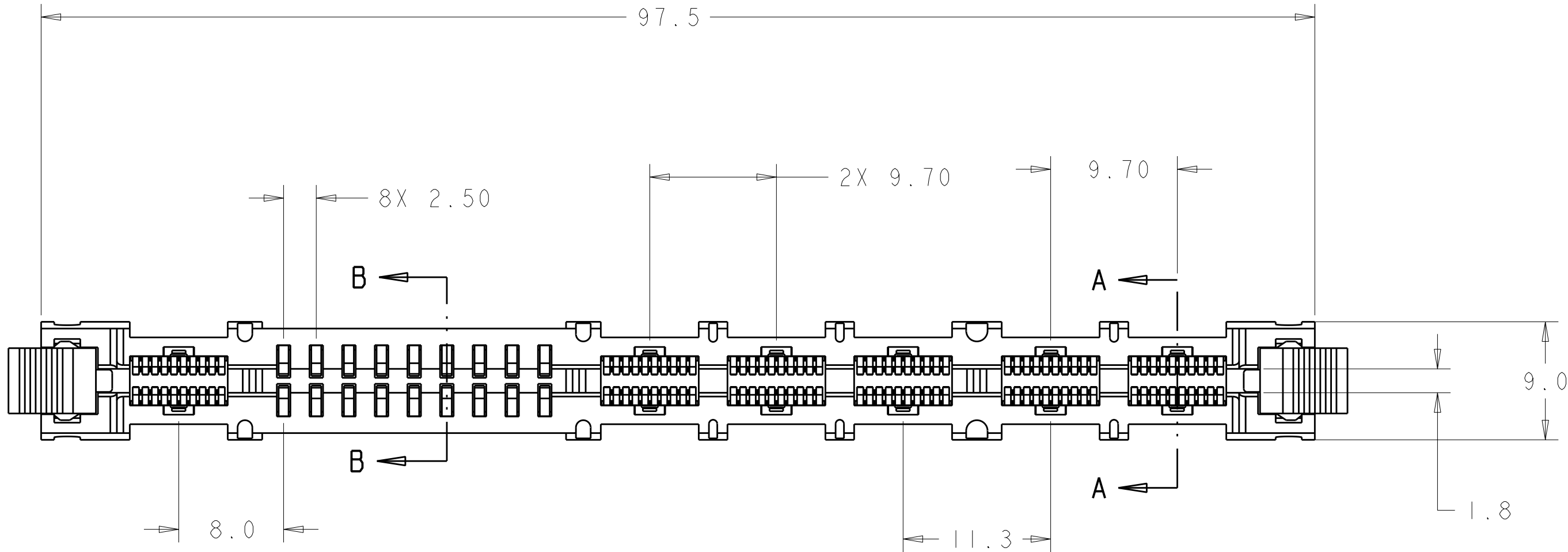
YEAR WEEK



18	1651808-2	CONTACT, SIGNAL	D
12	1651807-2	CONTACT, POWER	C
2	1651724-1	MINI-CROWNEDGE LATCH	B
1	1651723-1	HSG, SKT, MC-P6S9, MINI-CROWNEDGE	A
-1	PART NO.	DESCRIPTION	ITEM

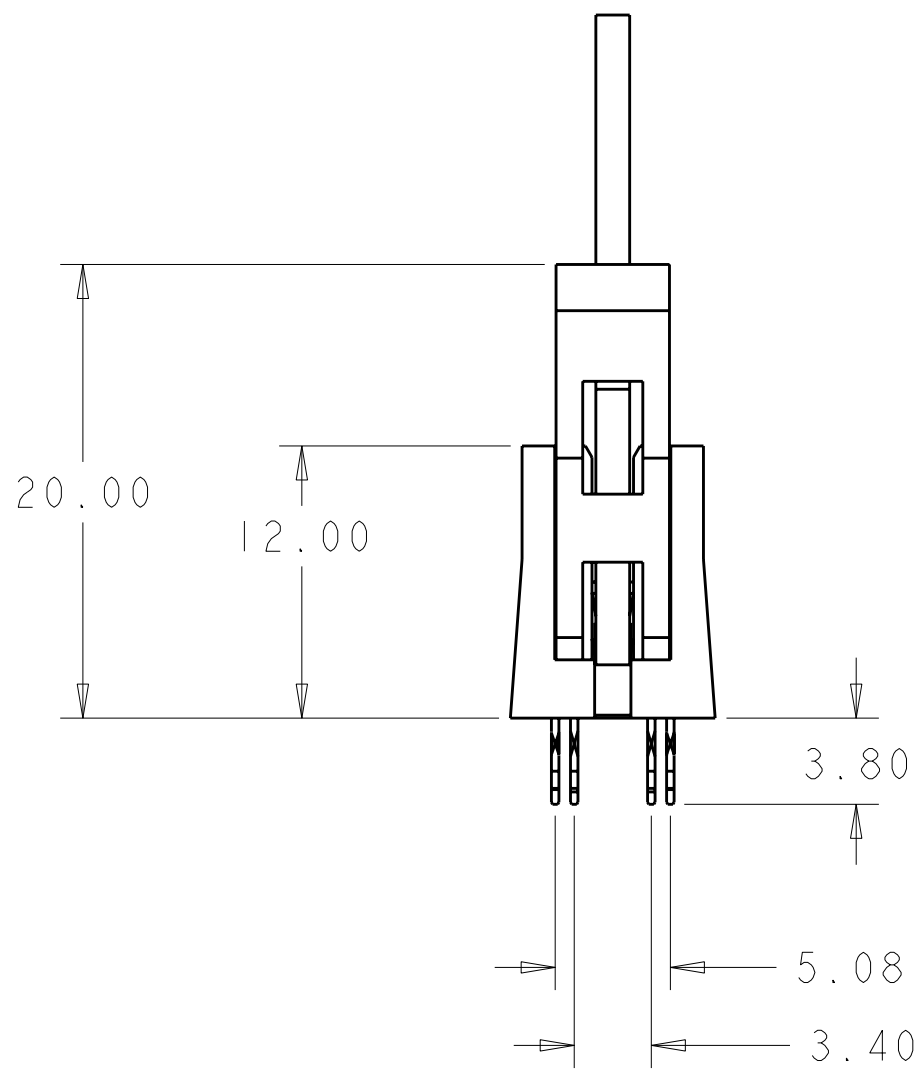
TEST SPECIFICATION IS CONTROLLED DOCUMENT FOR THIS ELECTRICAL CONNECTION CHANGES TO THIS SPECIFICATION SHALL BE MADE BY THE QUALITY CONTROL DEPARTMENT		OWN C. ROHLER 15JAN2009 CHK P. DAMATO 15JAN2009 APPR M. PERCHERET 15JAN2009		 Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME TOP ASSEM C-M P6S9, SOCKET CONNECTOR MINI CROWN EDGE, W/LATCHES, COMPLIANT PN 283-0172-04003	
		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.1 4 PLC ±.1 ANGLES ±.5 FINISH		PRODUCT SPEC APPLICATION SPEC	
MATERIAL 		WEIGHT -		SIZE CAGE CODE DRAWING NO A 100779 C=1766436	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 4 REV C	

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



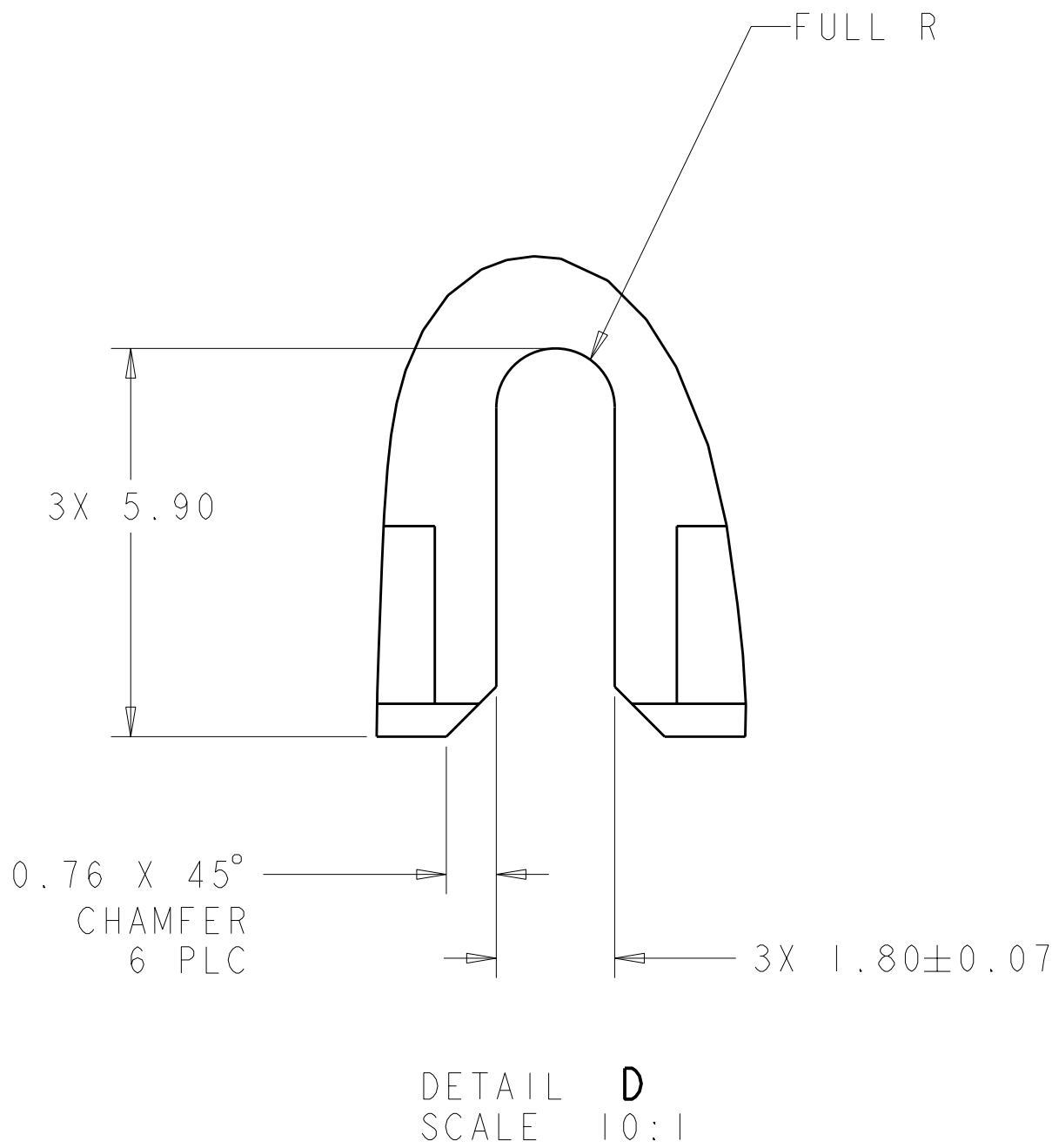
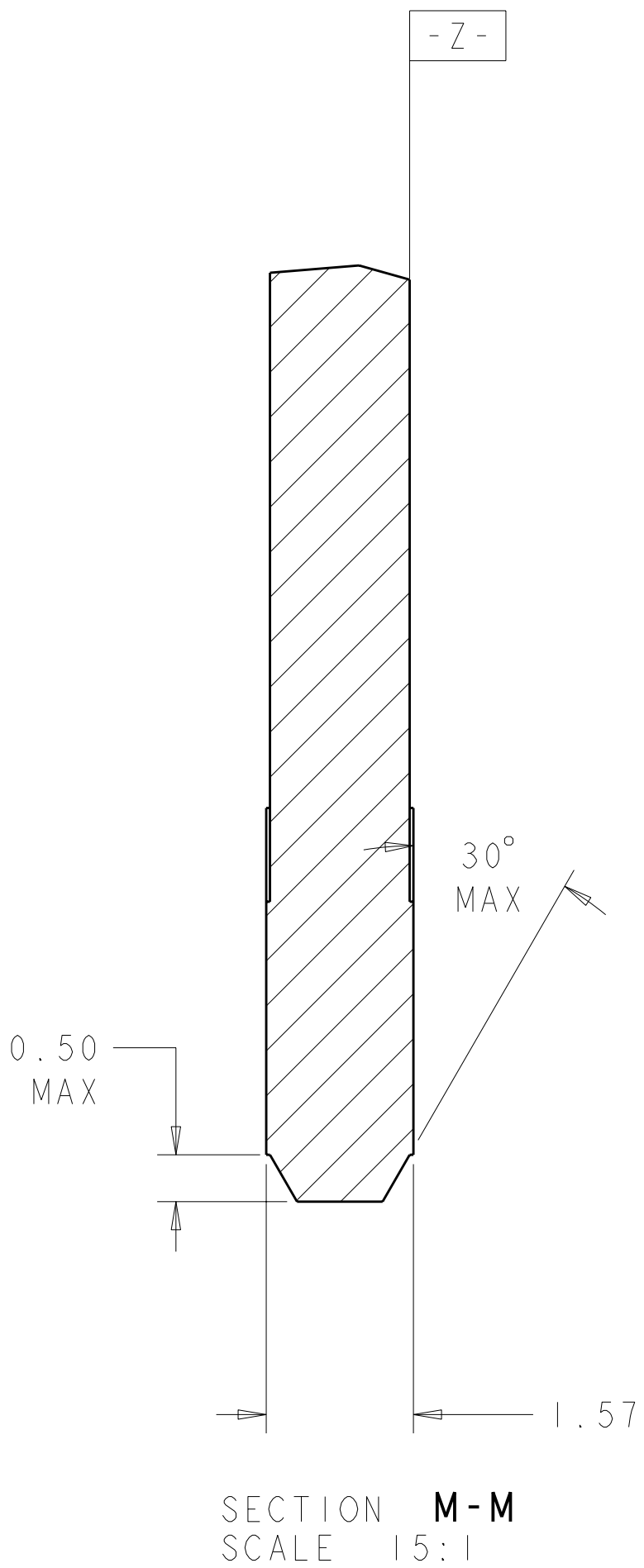
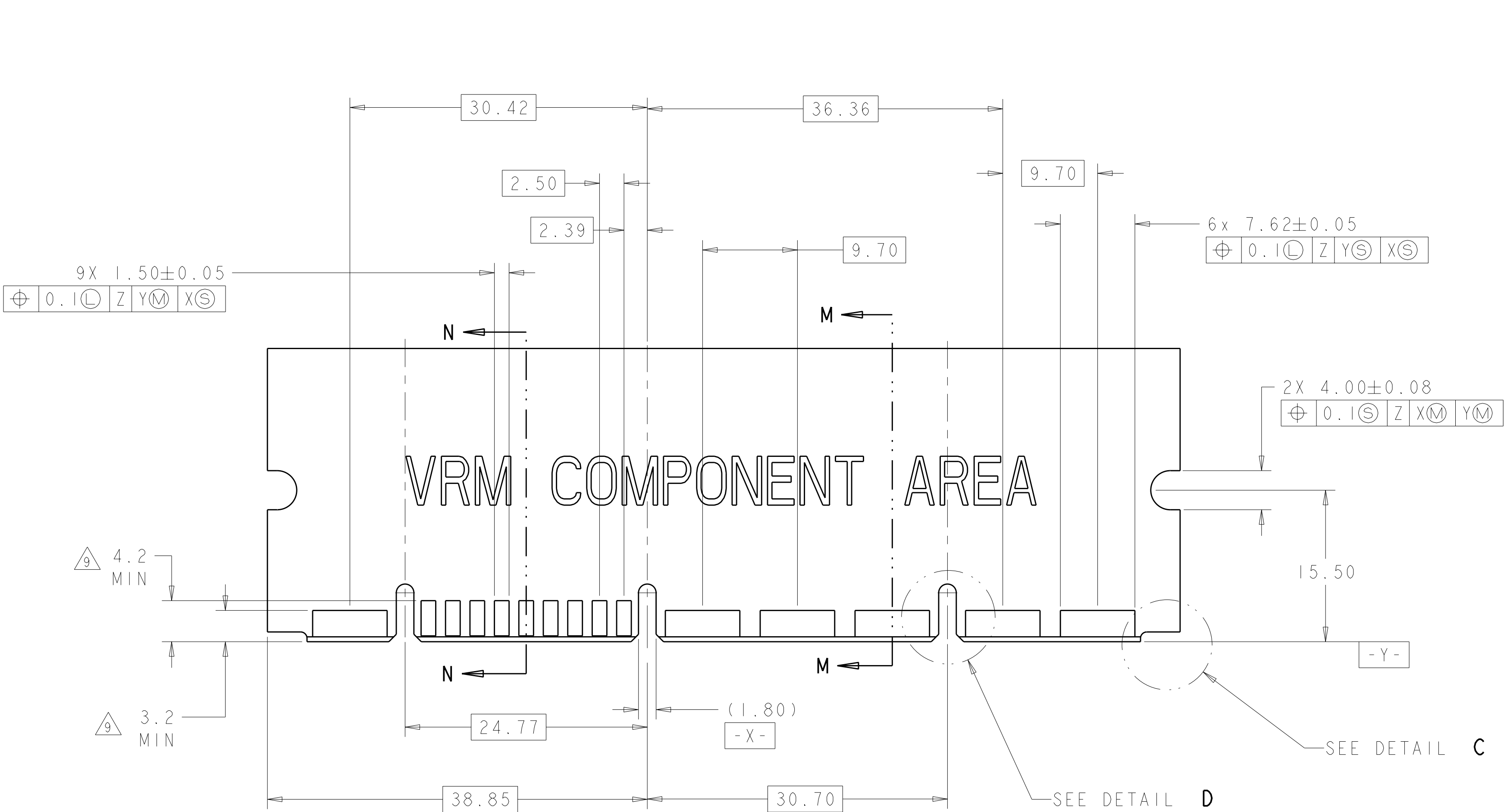
SECTION B-B
ROTATED 90° CW

SECTION A-A
ROTATED 90° CW

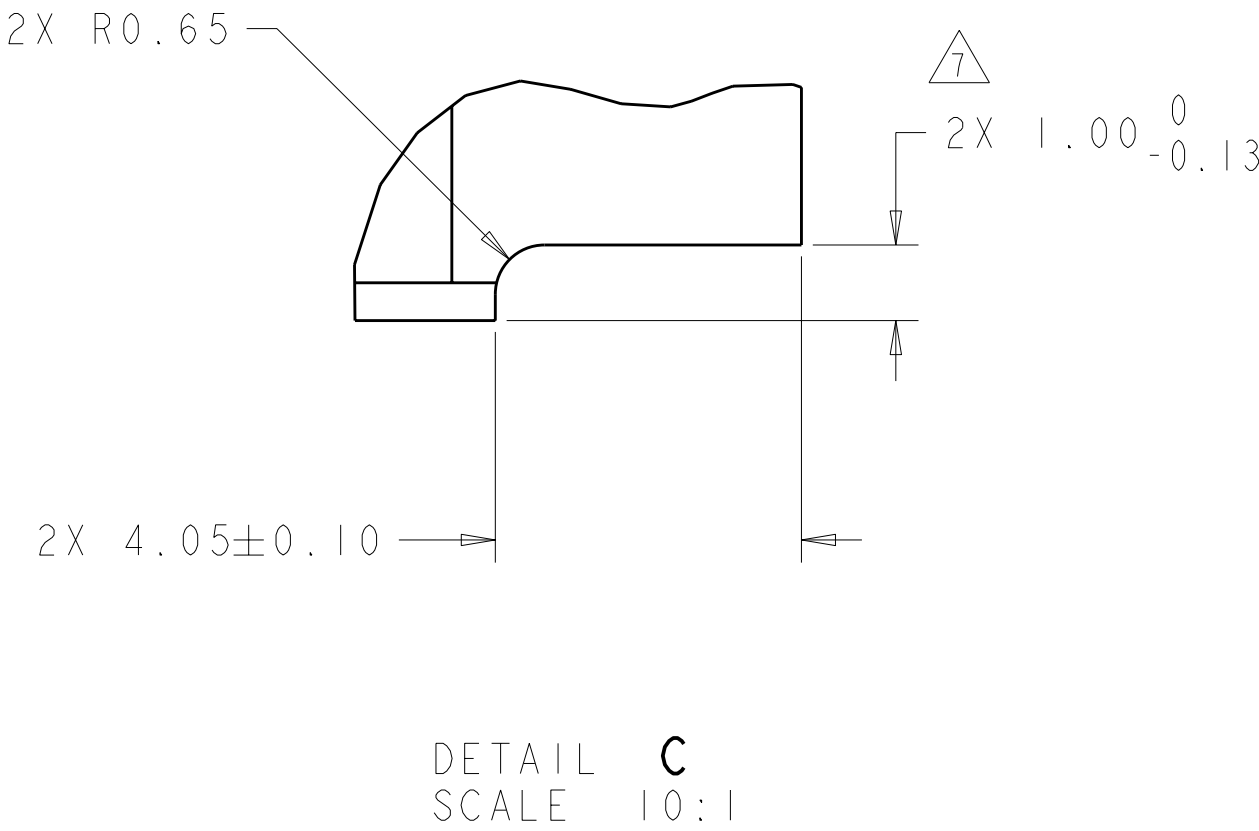
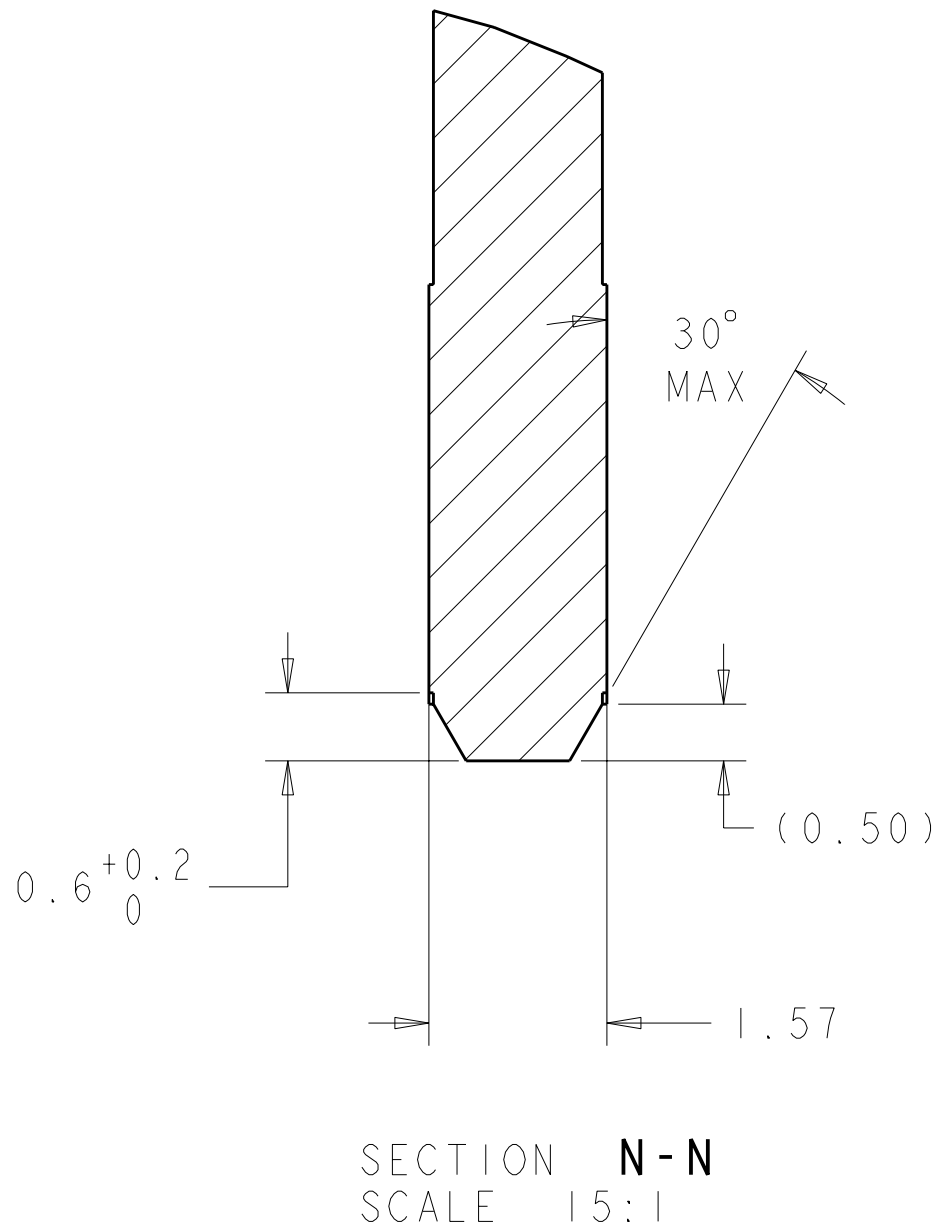
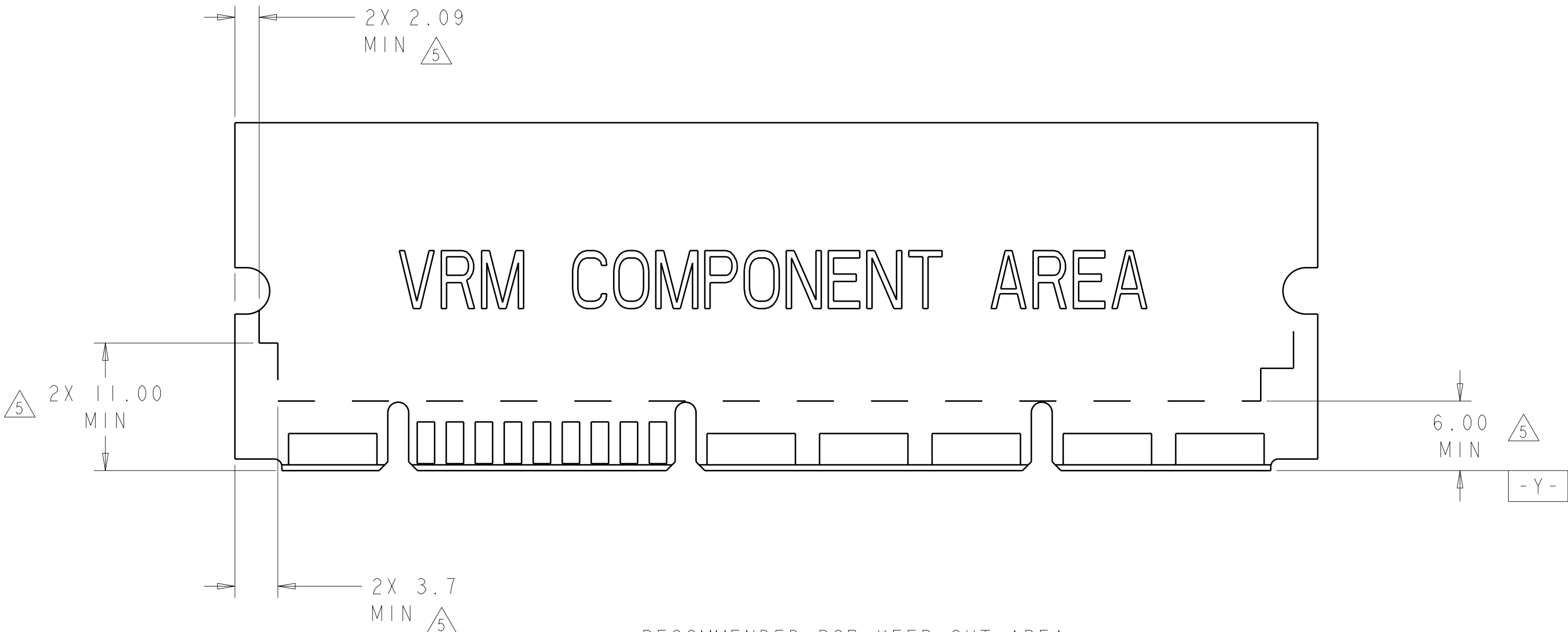


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DIMENSIONS: mm		CHK P. DAMATO 15JAN2009	NAME TOP ASSEM MC-P6S9, SOCKET CONNECTOR MINI CROWN EDGE, W/LATCHES, COMPLIANT PN 283-0172-04003	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH		APVD M. PERCHERKE 15JAN2009	PRODUCT SPEC APPLICATION SPEC SIZE CAGE CODE DRAWING NO RESTRICTED TO	
MATERIAL -		WEIGHT -	A100779C=1766436	
CUSTOMER DRAWING		SCALE 1:1	SHEET 2	OF 4
		REV C		

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



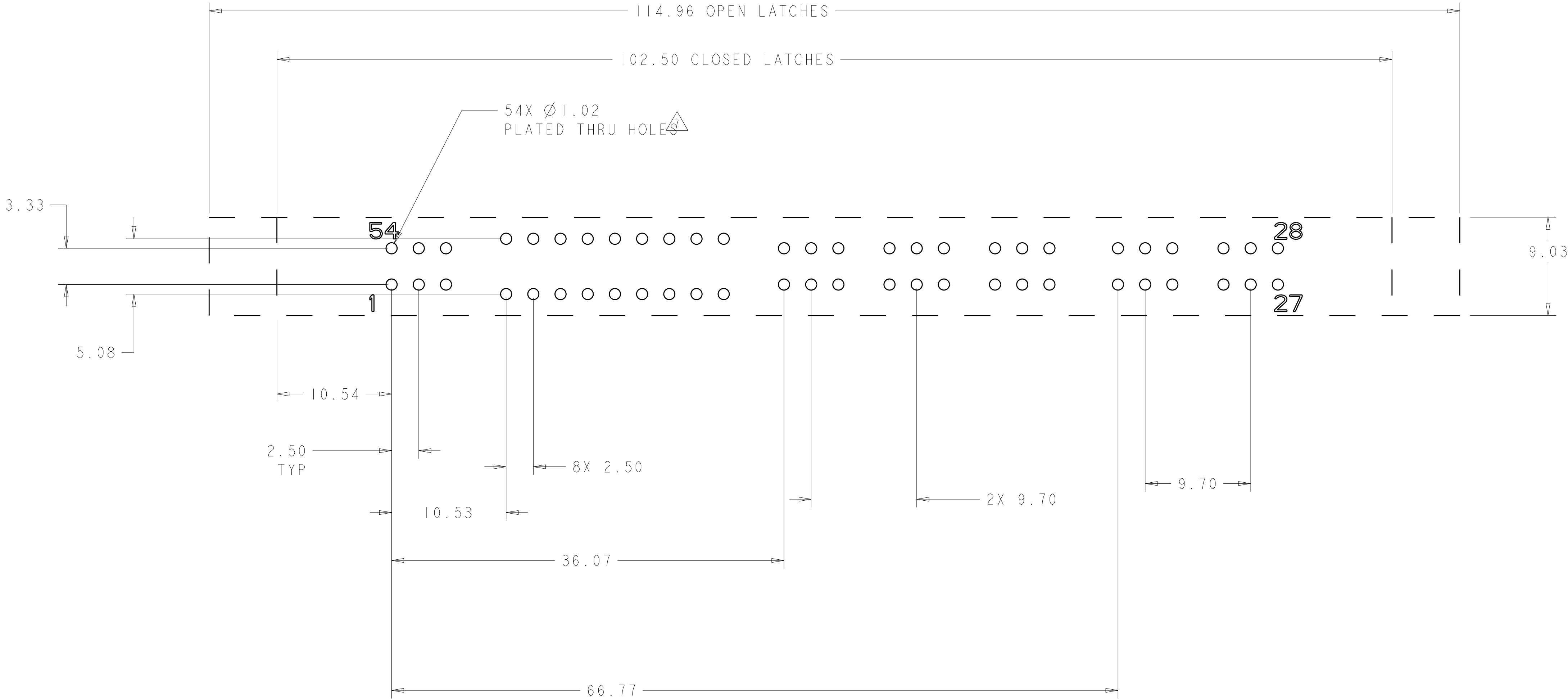
RECOMMENDED MATING BOARD



RECOMMENDED PCB KEEP OUT AREA

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TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK P. DAMATO 15JAN2009		
DIMENSIONS:		APVD M. PERCHERKE	NAME TOP ASSEM MC-P6S9, SOCKET CONNECTOR	
mm		PRODUCT SPEC	MINI CROWN EDGE, W/LATCHES, COMPLIANT	
9 PLC ±.5		APPLICATION SPEC	PN 283-0172-04003	
1 PLC ±.5		SIZE	A100779C=1766436	
5 PLC ±.25		WEIGHT	-	
4 PLC ±.5		CUSTOMER DRAWING	SCALE 1:1 SHEET 3 OF 4 REV C	
ANGLES ±.5				
FINISH				
MATERIAL				
-				

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



RECOMMENDED PC LAYOUT (VIEW FROM CONNECTOR SIDE)
SCALE 4:1

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		CHK P. DAMATO 15JAN2009		
DIMENSIONS: mm		APVD M. PERCHERKE 15JAN2009	NAME TOP ASSEM MC-P6S9, SOCKET CONNECTOR MINI CROWN EDGE, W/LATCHES, COMPLIANT PN 283-0172-04003	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC
		9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH -		APPLICATION SPEC
MATERIAL -		WEIGHT -		SIZE A100779
CUSTOMER DRAWING		SCALE 4:1		SHEET 4 OF 4
		REV C		

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[283-0172-04003](#)