

LOC	DIST	REVISIONS				
		REV	DESCRIPTION	DATE	DWN	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: 0.76µm MIN THK  
 OVER NICKEL: 1.27µm MIN THK  
 TERMINALS: TIN: 1.78µm THK  
 OVER NICKEL: 1.27µm MIN THK

4. CONNECTOR ACCEPTS 1.57±.13 THK PCB.

5. KEEP OUT AREA FOR COMPONENTS ONLY.

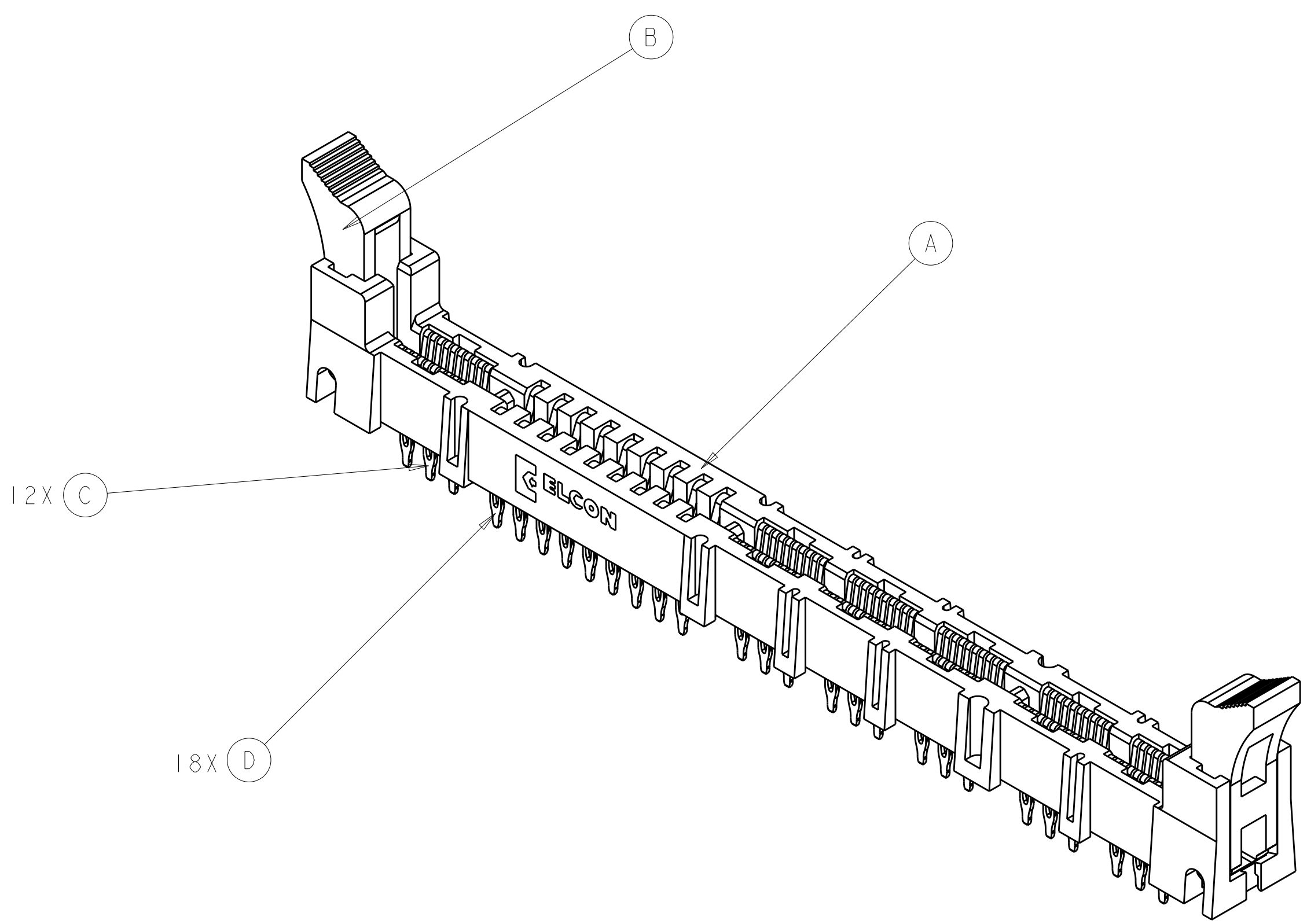
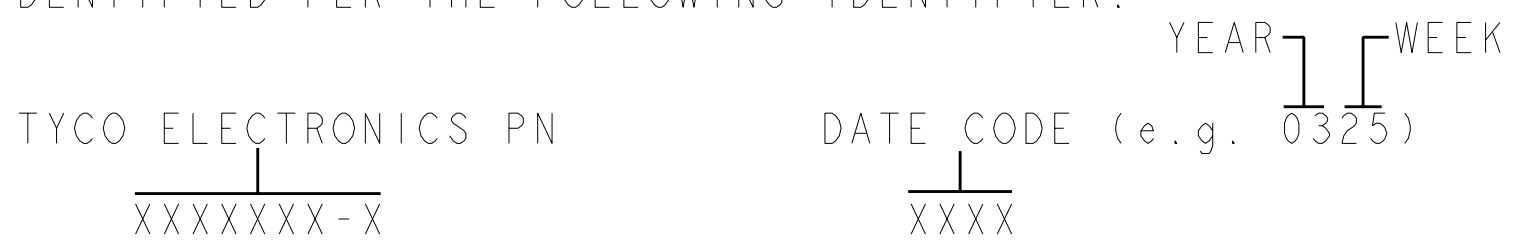
6. RECOMMENDED PRINTED CIRCUIT HOLE  
 FINISHED HOLE: Ø1.02±.08  
 DRILLED HOLE: Ø1.15±.013  
 COPPER PLATE: .025 MINIMUM (PER SURFACE)  
 TIN PLATE: .008 MINIMUM (PER SURFACE)

7. 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.

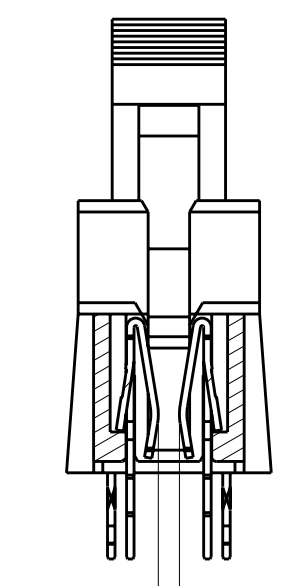
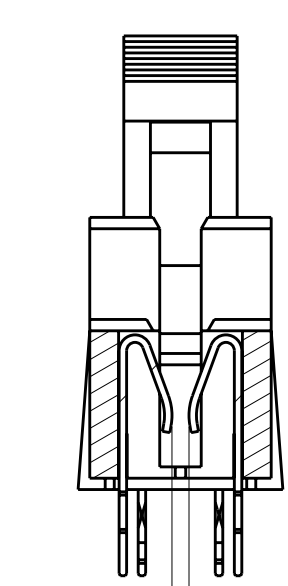
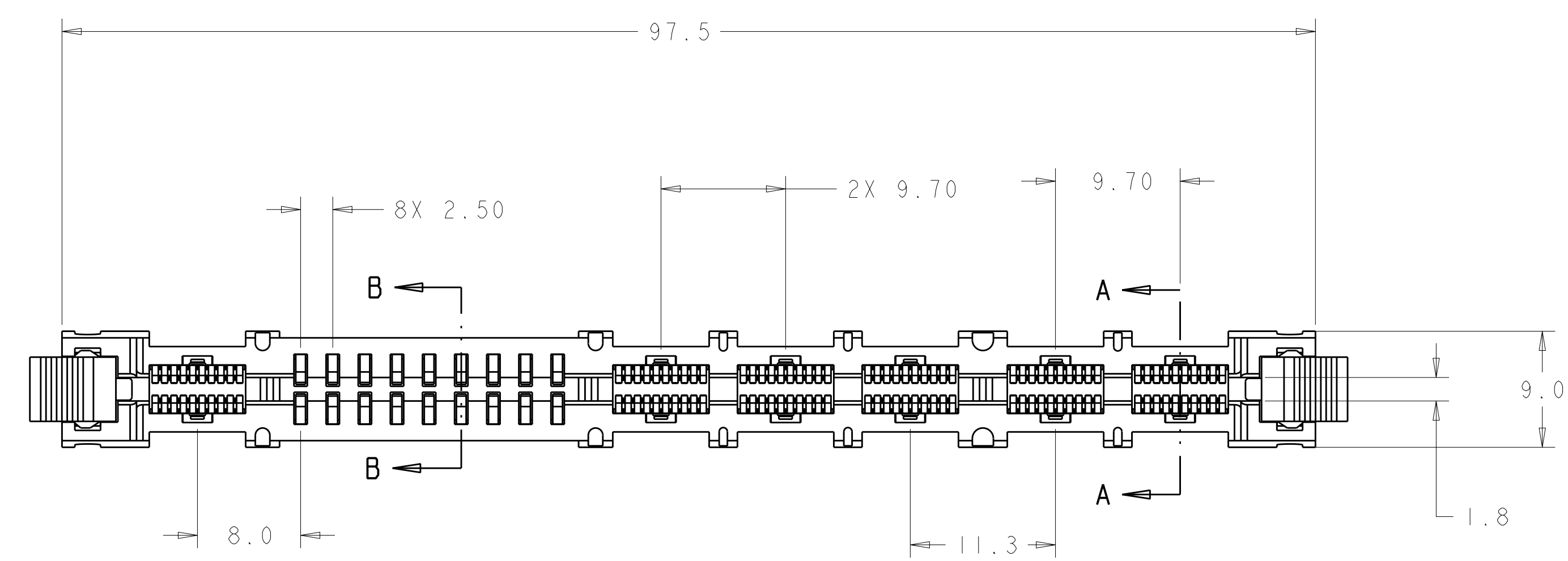
10. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:



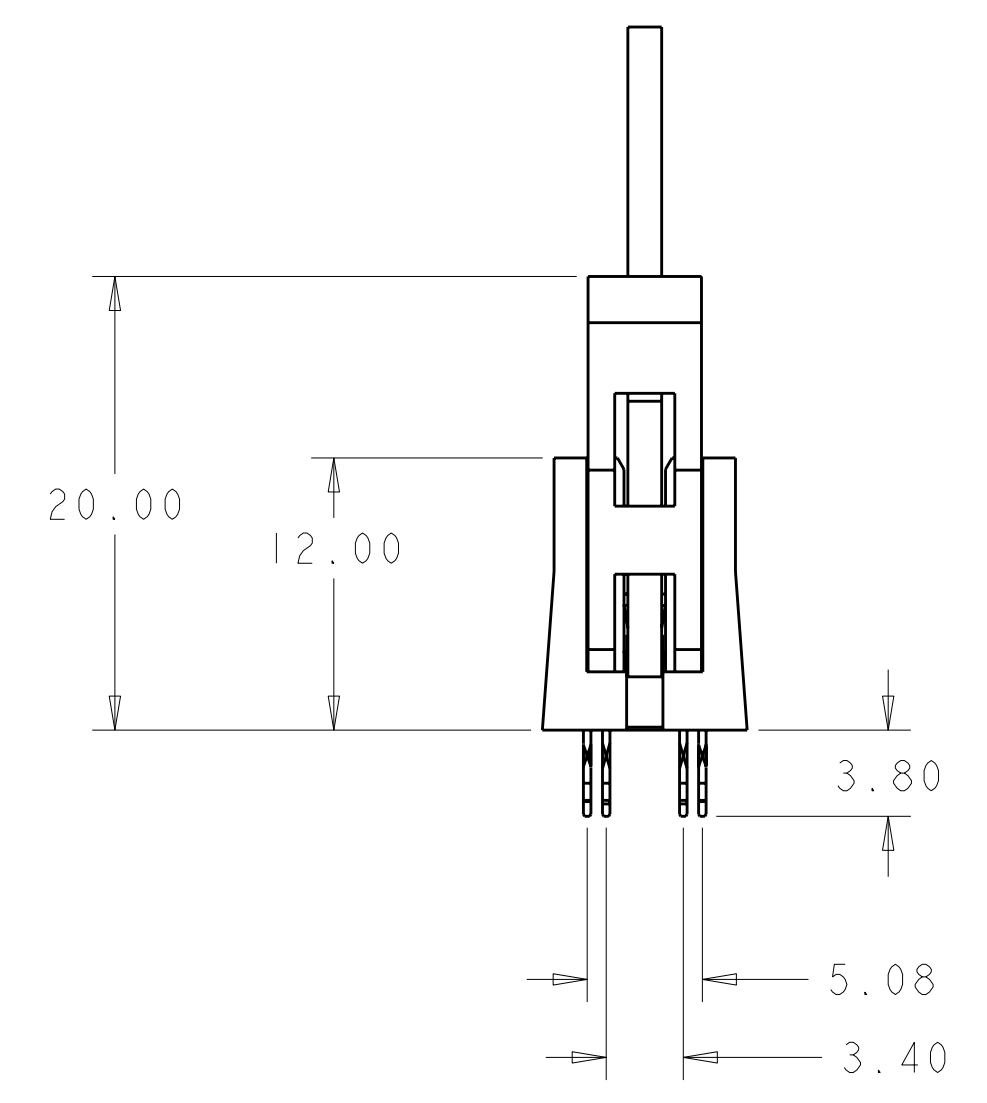
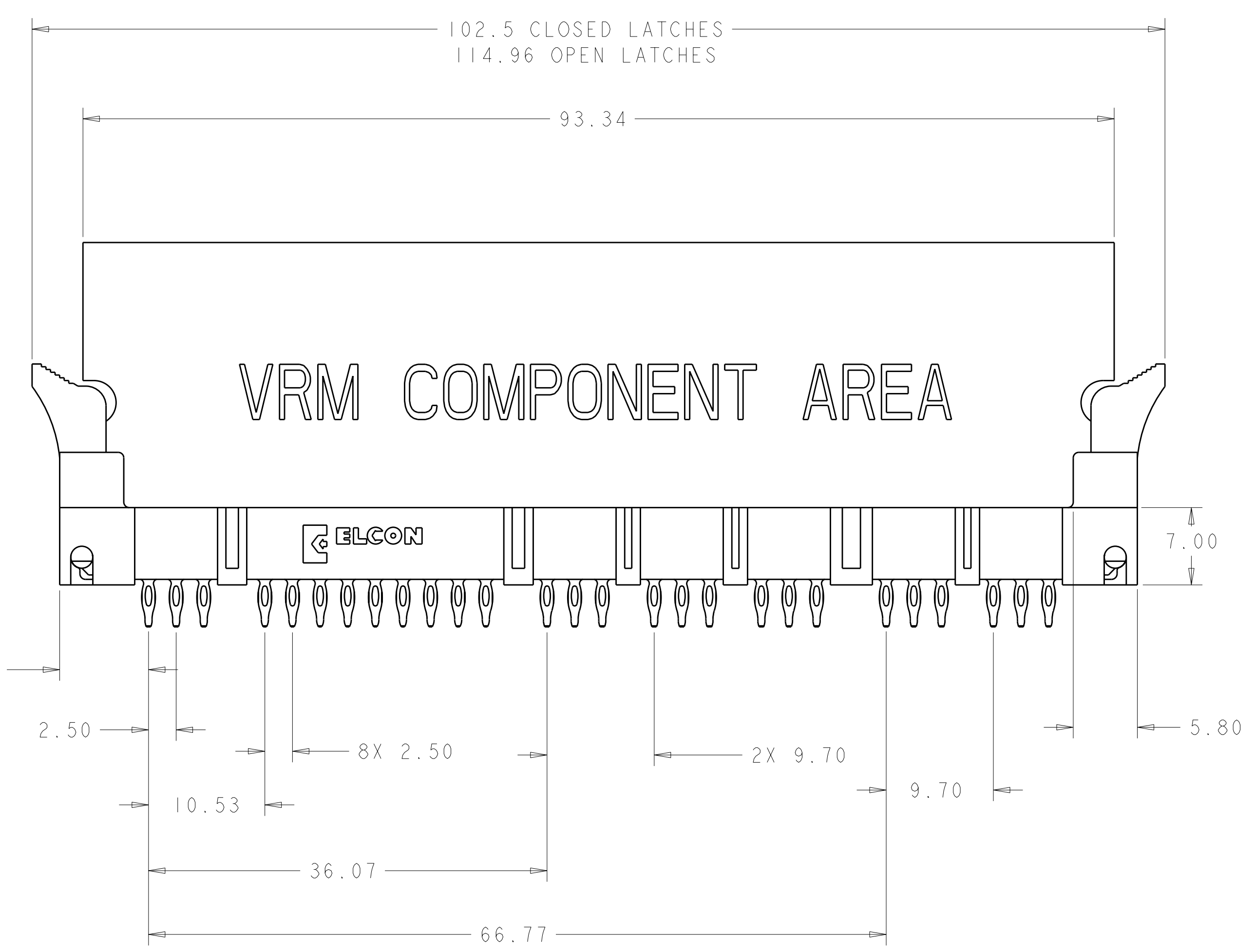
ITEM	QTY	PART NO.	DESCRIPTION	ITEM
18		1651808-2	CONTACT, SIGNAL	D
12		1651807-2	CONTACT, POWER	C
2		1651724-1	MINI-CROWNEDGE LATCH	B
1		1651723-1	HSG, SKT, MC-P6S9, MINI-CROWNEDGE	A
-1				

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 5 PLC ±.25 4 PLC ±. ANGLES ±.5 FINISH: 3		DWN: C. ROHLER 15JAN2009 CHK: P. DAMATO 15JAN2009 APVD: M. PERCHERKE 15JAN2009		Tyco Electronics Harrisburg, PA 17105-3608	
MATERIAL: 2		WEIGHT: -		NAME: TOP ASSEM MC-P6S9, SOCKET CONNECTOR MINI CROWN EDGE, W/LATCHES, COMPLIANT PN 283-0172-04003		SIZE: A   CAGE CODE: 00779   DRAWING NO: C=1766436	
CUSTOMER DRAWING				SCALE: 1:1		SHEET 1 OF 4 REV C	

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

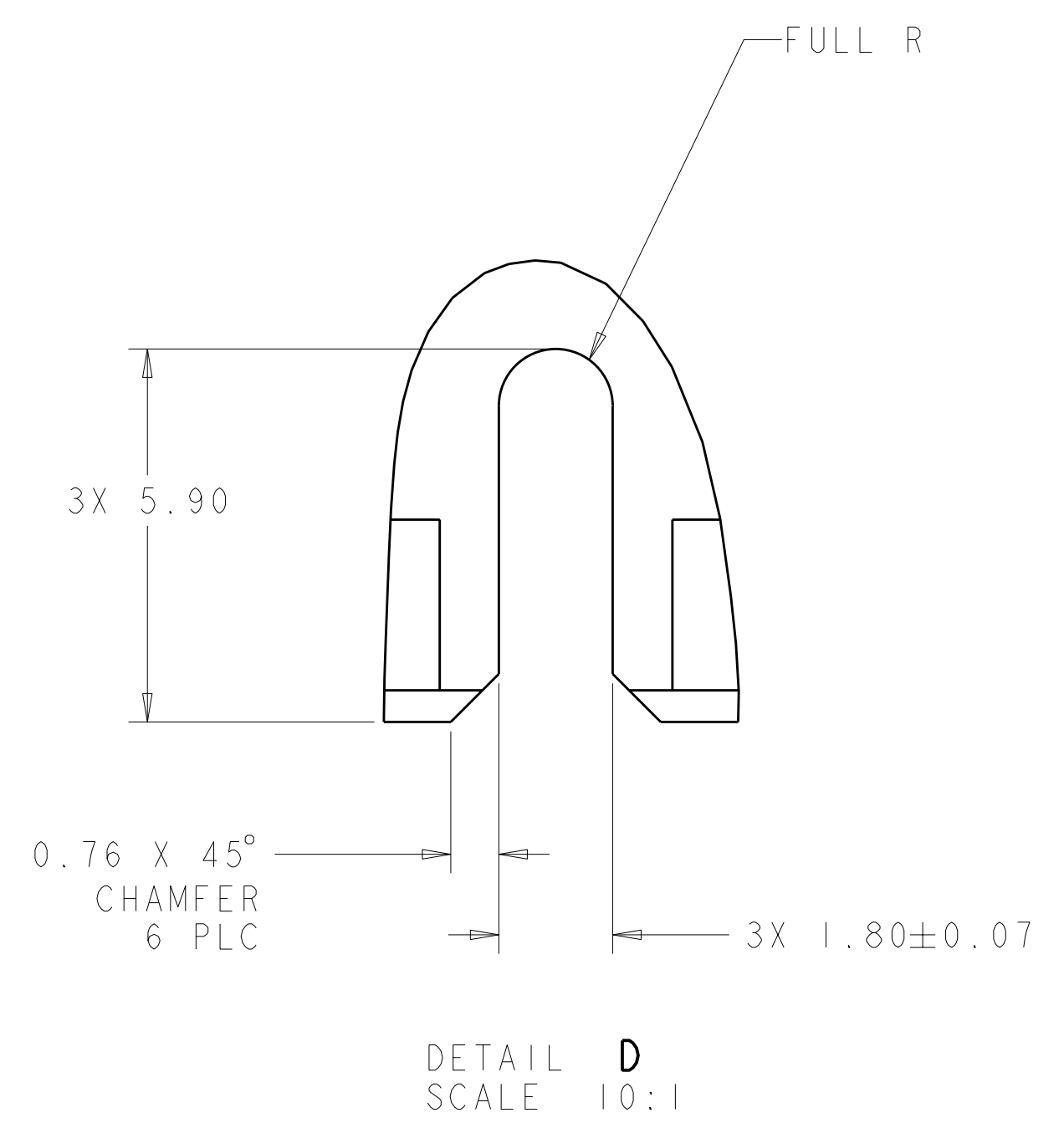
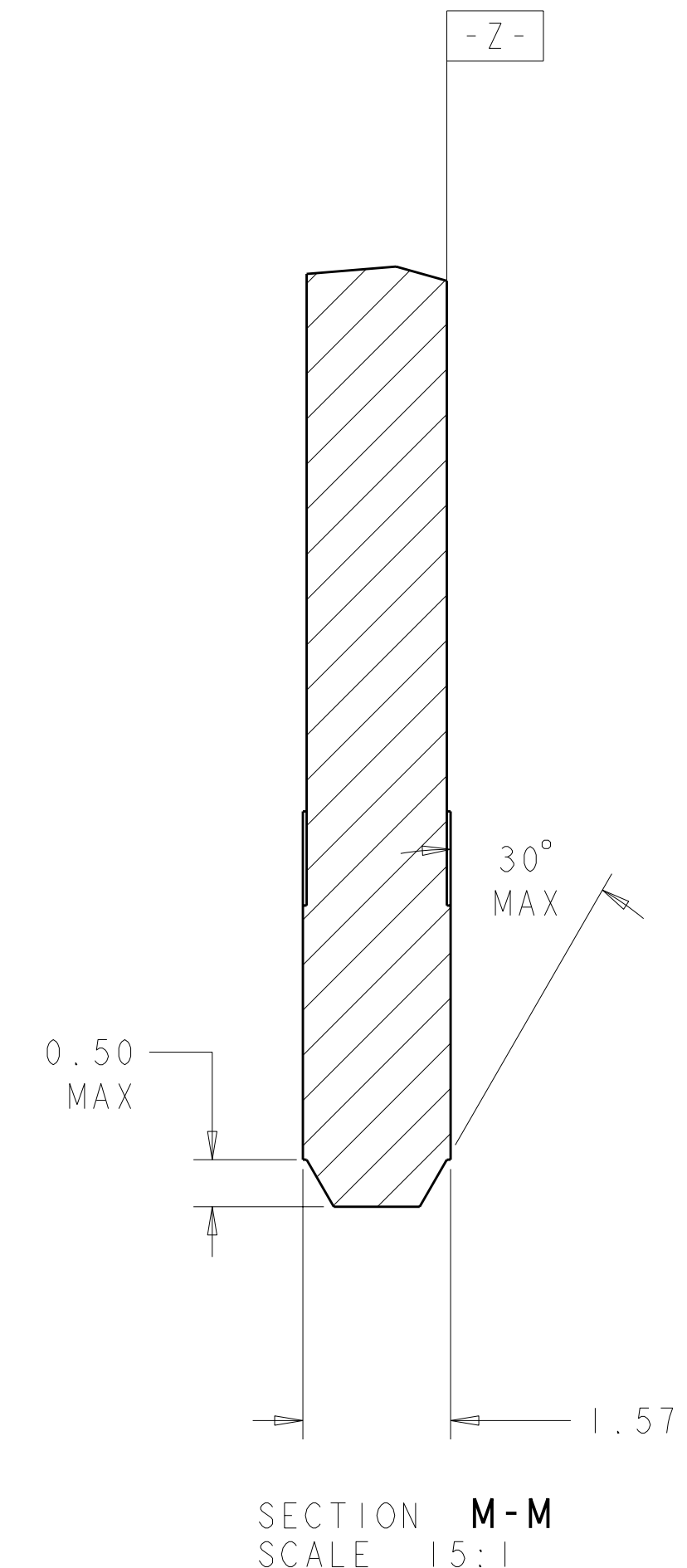
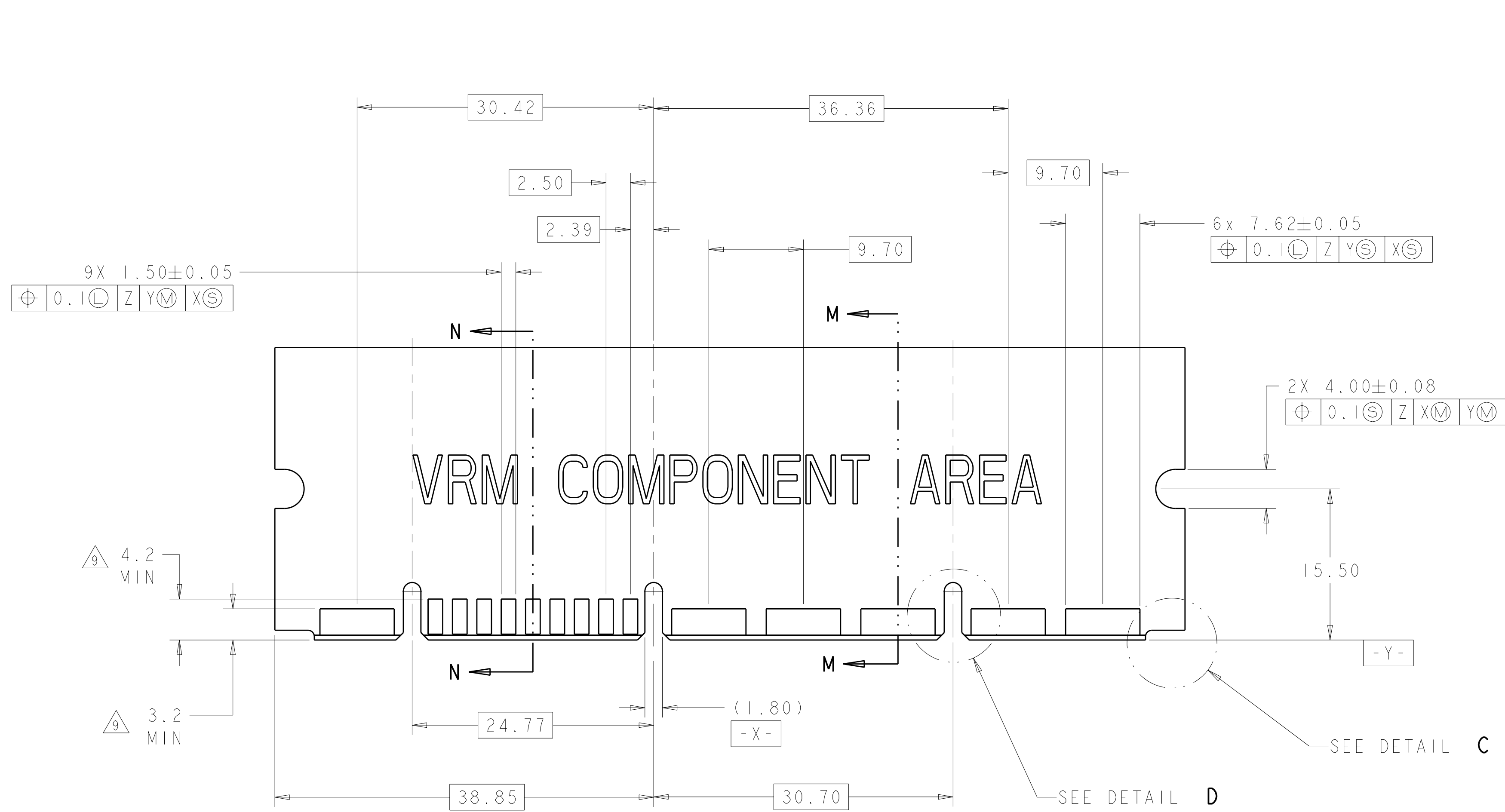


0.75 ± 0.10  
 0.93<sup>+0.08</sup><sub>-0.24</sub>

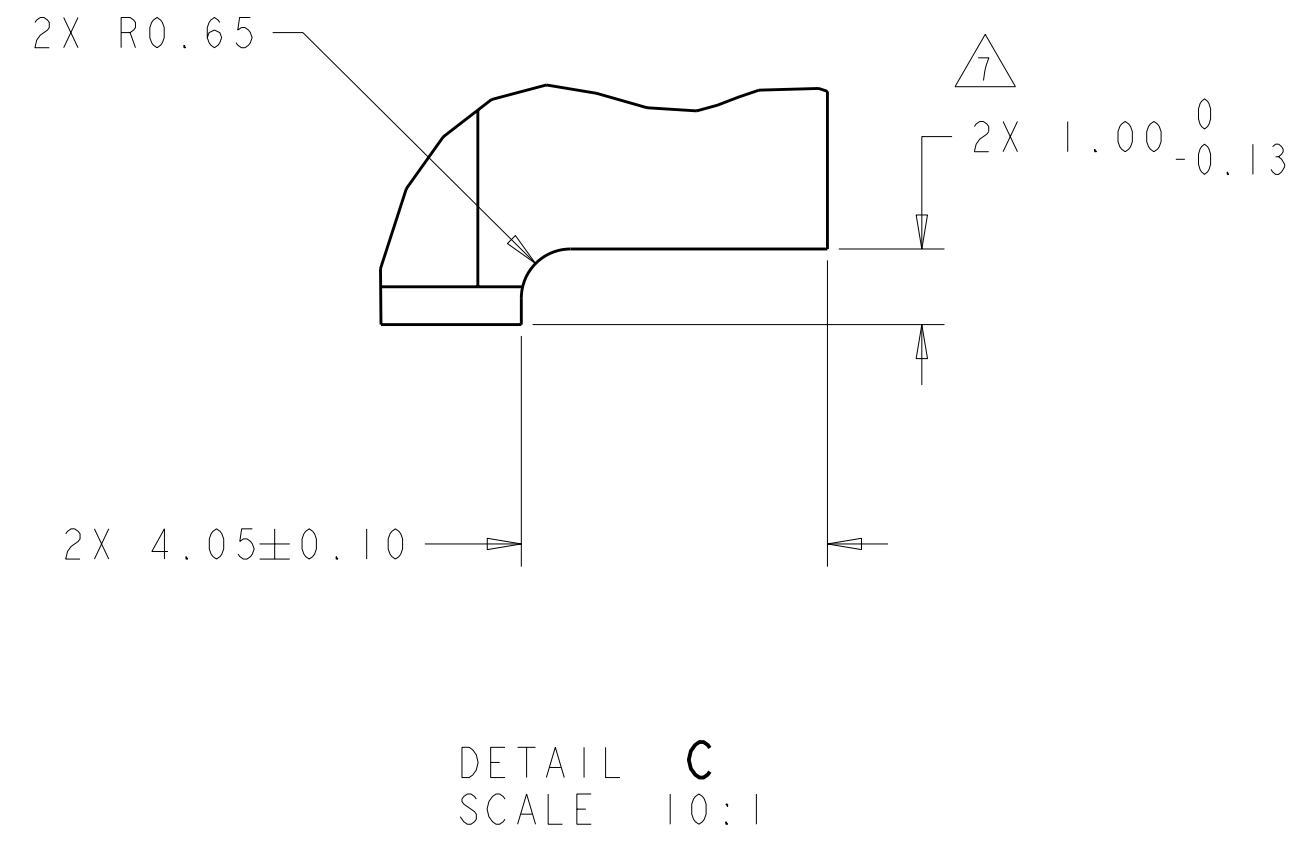
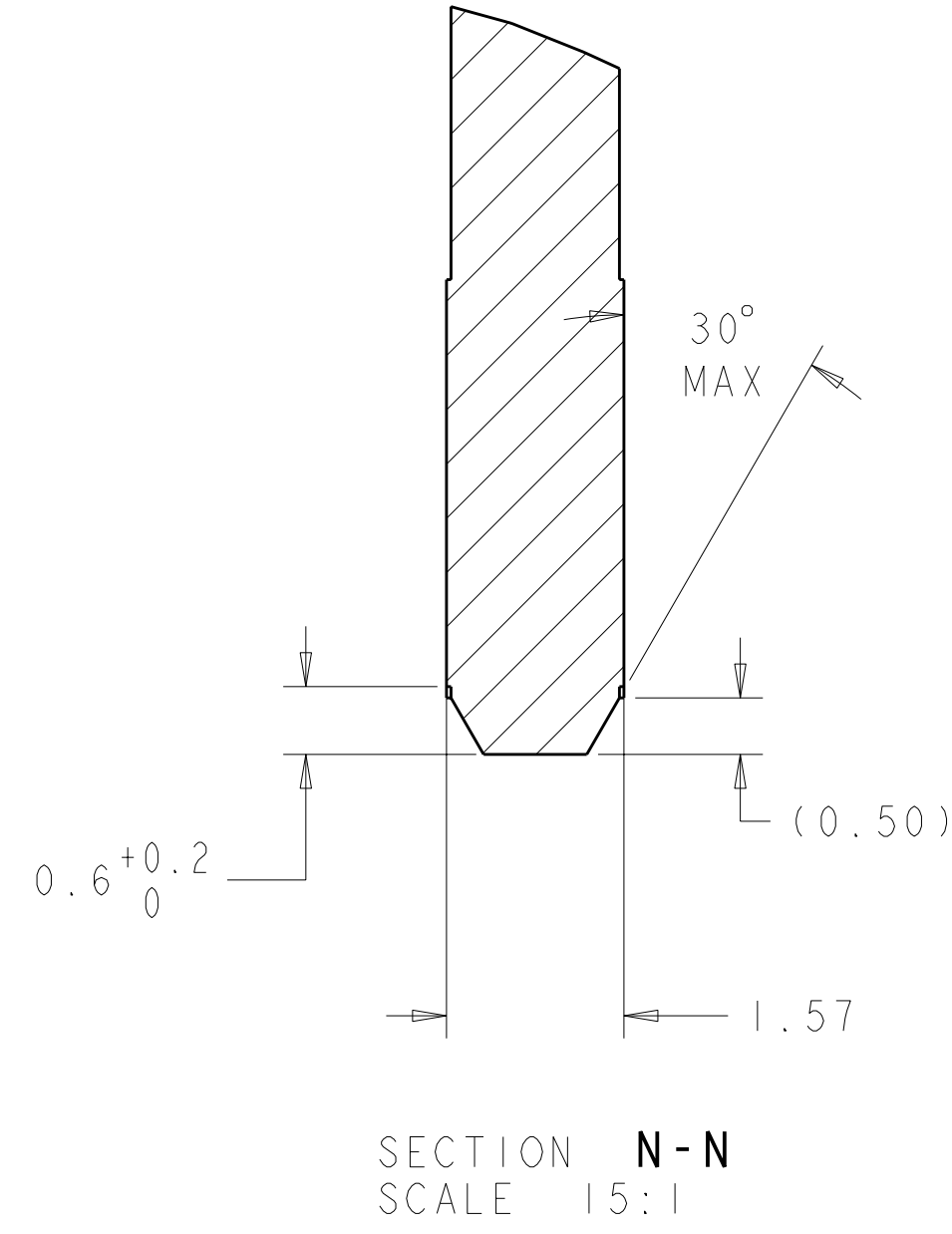
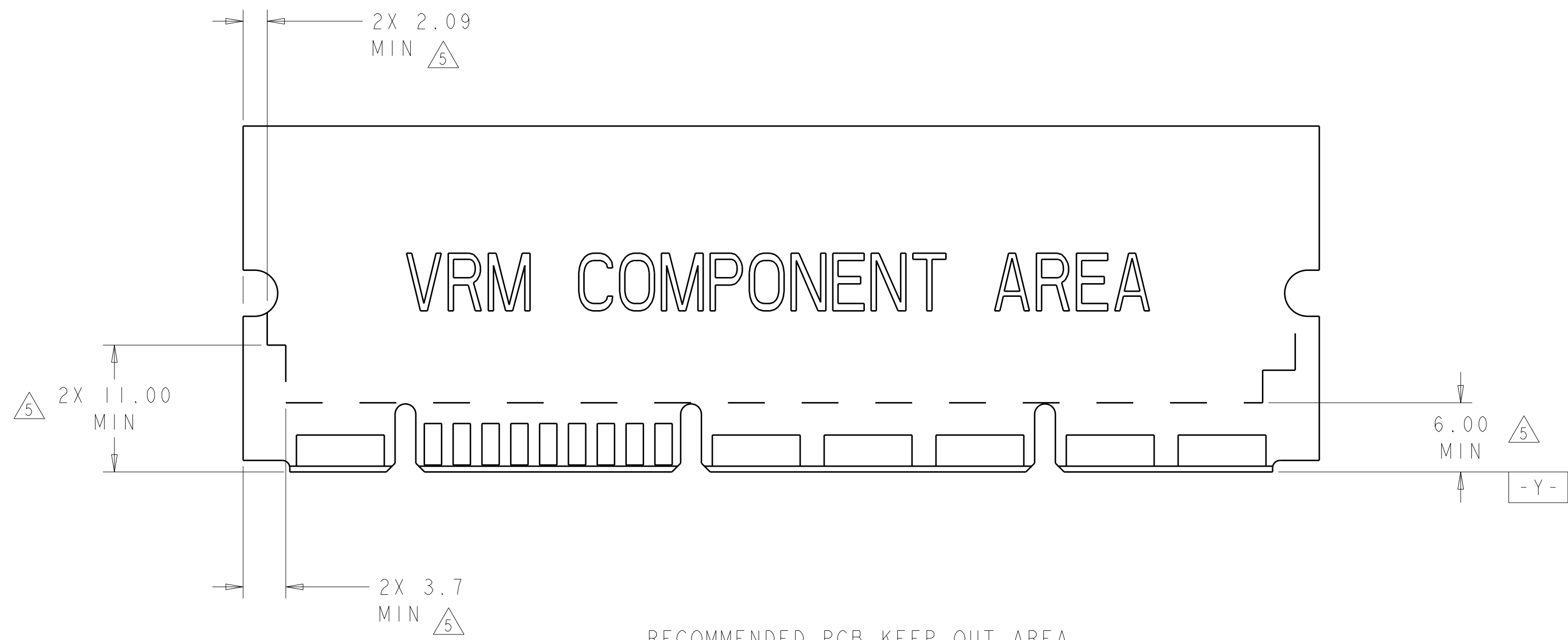


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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.5 ANGLES ±.5 FINISH	NAME: TOP ASSEM MC-P6S9, SOCKET CONNECTOR PRODUCT SPEC: MINI CROWN EDGE, W/LATCHES, COMPLIANT APPLICATION SPEC: PN 283-0172-04003 SIZE: A100779 CAGE CODE: C=1766436 DRAWING NO:	RESTRICTED TO:
MATERIAL: -	FINISH: -	WEIGHT: -	CUSTOMER DRAWING
SCALE: 1:1		SHEET 2 OF 4 REV C	

LOC	DIST	REV	DATE	BY	APPD
-	-	1	15JAN2009	C. ROHLER	
-	-	2	15JAN2009	P. DAMATO	
-	-	3	15JAN2009	M. PERCHERKE	



RECOMMENDED MATING BOARD



RECOMMENDED PCB KEEP OUT AREA

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 5 PLC ±.25 4 PLC ±.5 ANGLES ±.5 MATERIAL: - FINISH: -		DWN: C. ROHLER 15JAN2009 CHK: P. DAMATO 15JAN2009 APVD: M. PERCHERKE 15JAN2009 PRODUCT SPEC: - APPLICATION SPEC: - WEIGHT: - CUSTOMER DRAWING: -		Tyco Electronics Harrisburg, PA 17105-3608 NAME: TOP ASSEM MC-P6S9, SOCKET CONNECTOR MINI CROWN EDGE, W/LATCHES, COMPLIANT PN 283-0172-04003 SIZE: A   00779   C=1766436 SCALE: 1:1 SHEET 3 OF 4 REV C	
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