

LOC		DIST		REVISIONS					
-	-	-	-	P	LTR	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:

TYCO ELECTRONICS PN

XXXXXXX-X

DATE CODE (e.g. 0325)

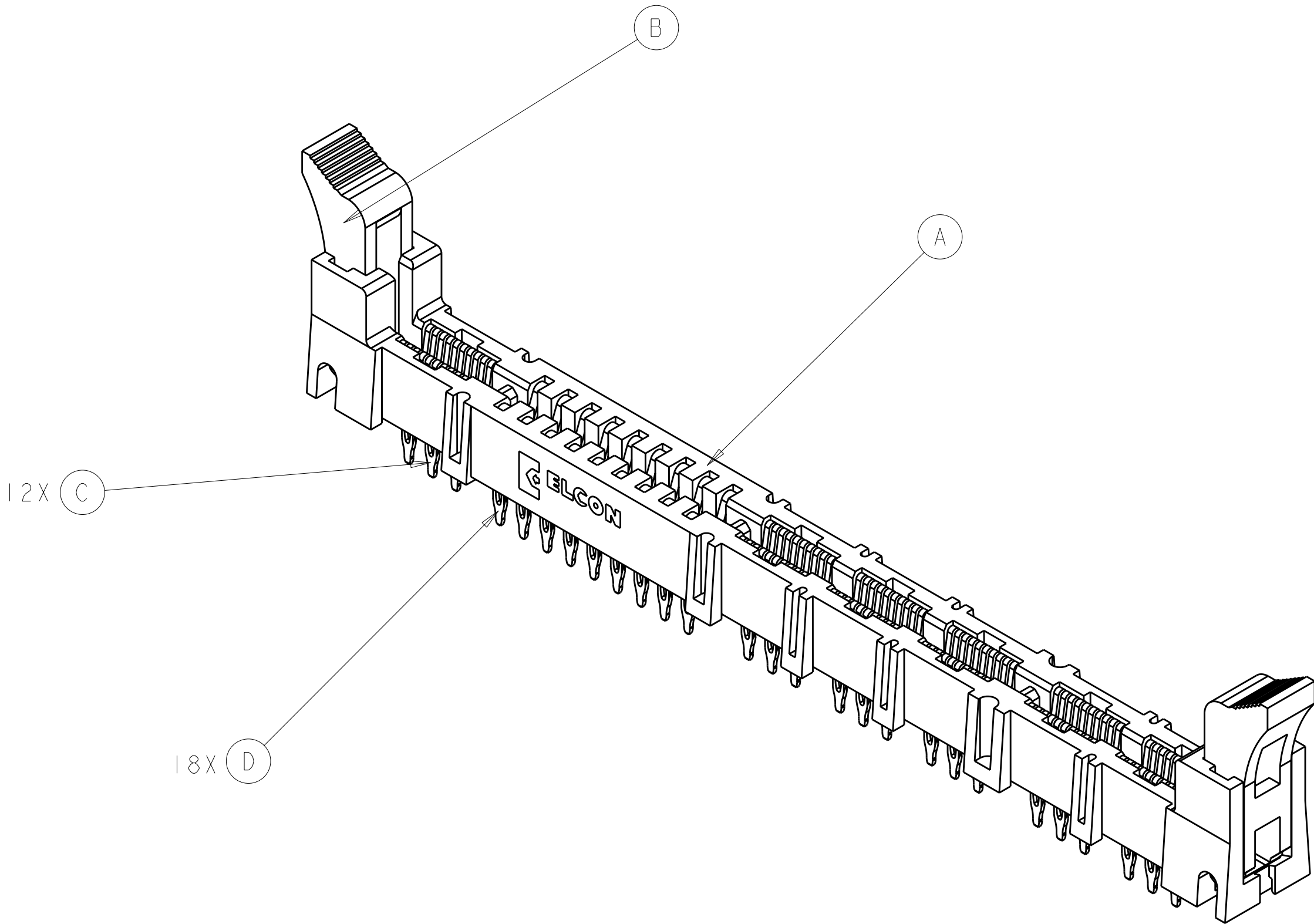
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YEAR

1

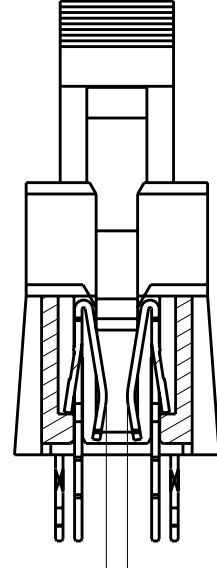
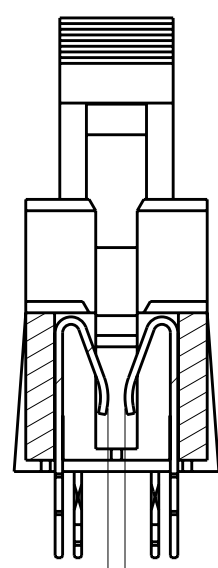
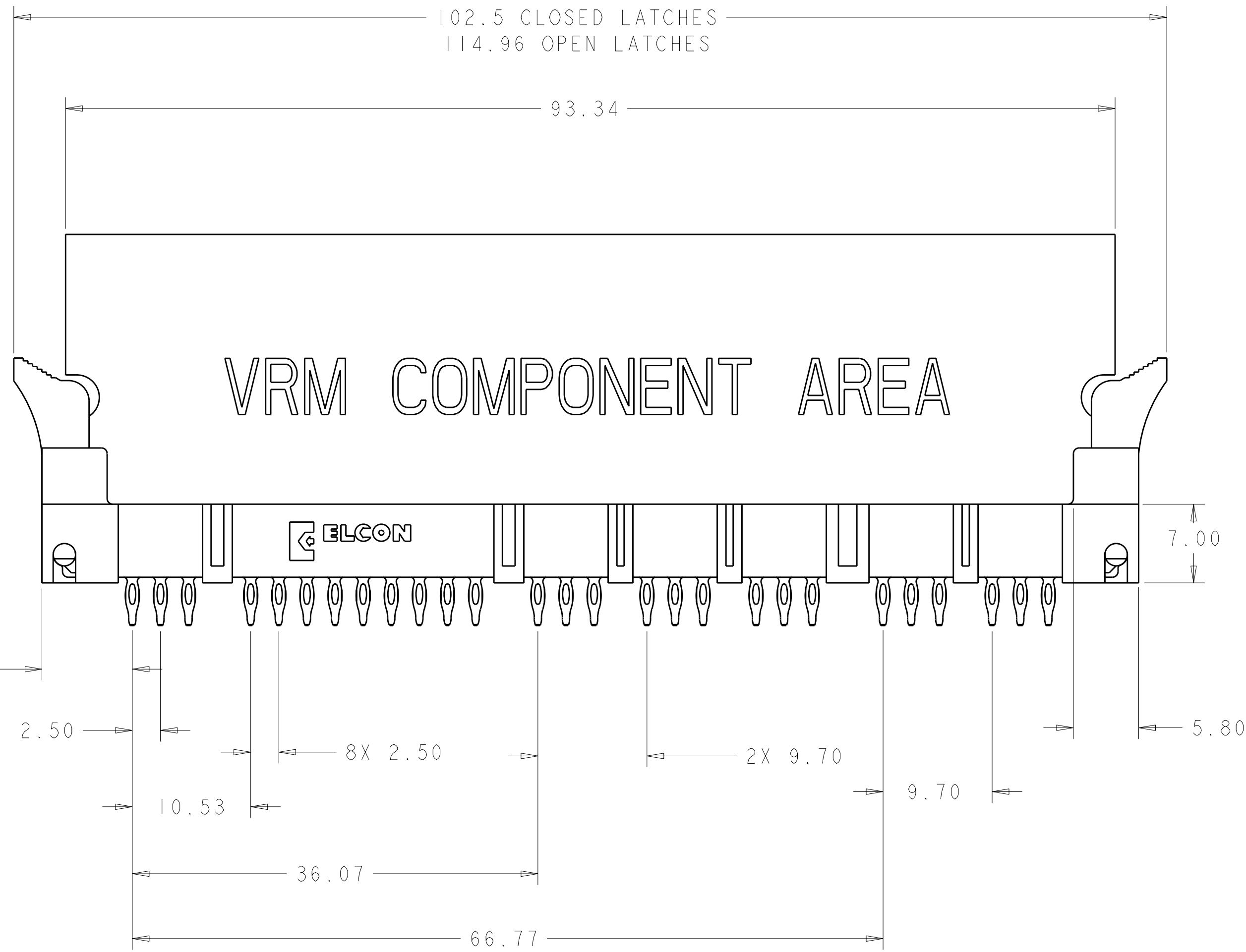
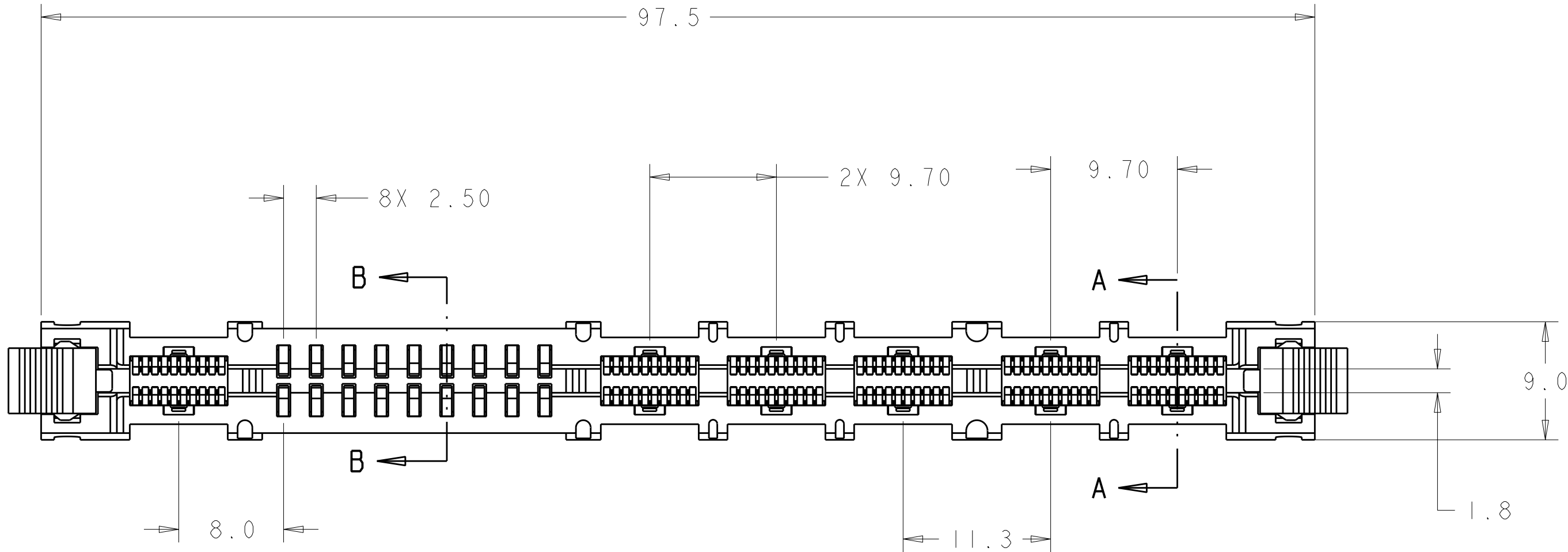
WEEK

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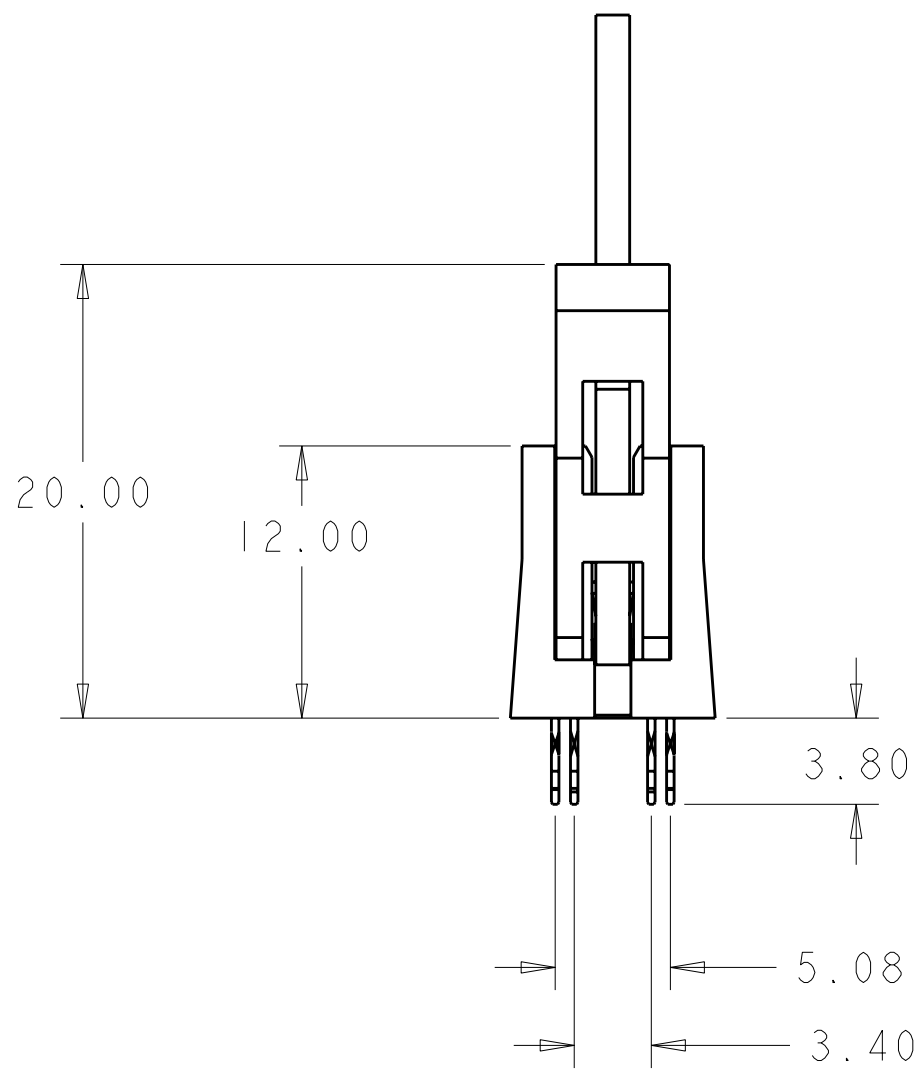
18	1651808-2	CONTACT, SIGNAL	D																																																					
12	1651807-2	CONTACT, POWER	C																																																					
2	1651724-1	MINI-CROWNEDGE LATCH	B																																																					
1	1651723-1	HSG, SKT, MC-P6S9, MINI-CROWNEDGE	A																																																					
- 1	PART NO.	DESCRIPTION	ITEM																																																					
<table><tr><td colspan="2">PART DRAWING IS A CONTROLLING DOCUMENT. ELECTRICAL CONNECTION IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHALL BE CONTACTED FOR THE LATEST EDITION.</td><td colspan="2">DWN C. ROHLER 15JAN2009</td><td rowspan="10"> Tyco Electronics Harrisburg, PA 17105-3608</td></tr><tr><td colspan="2"></td><td colspan="2">CHK P. DAMATO 15JAN2009</td></tr><tr><td colspan="2"></td><td colspan="2">APVD M. PERCHERKE 15JAN2009</td></tr><tr><td colspan="2">DIMENSIONS:</td><td colspan="2">TOLERANCES UNLESS OTHERWISE SPECIFIED:</td></tr><tr><td>mm</td><td></td><td colspan="2">9 PLC ±.5</td></tr><tr><td></td><td></td><td colspan="2">2 PLC ±.5</td></tr><tr><td></td><td></td><td colspan="2">2 PLC ±.25</td></tr><tr><td></td><td></td><td colspan="2">3 PLC ±.5</td></tr><tr><td></td><td></td><td colspan="2">4 PLC ±.5</td></tr><tr><td></td><td></td><td colspan="2">ANGLES ±.5</td></tr><tr><td>MATERIAL</td><td>2</td><td>FINISH 3</td><td></td></tr><tr><td colspan="2">CUSTOMER DRAWING</td><td>SCALE 1:1</td><td>SHEET 1 OF 4</td></tr><tr><td colspan="2"></td><td>REV C</td><td></td></tr></table>				PART DRAWING IS A CONTROLLING DOCUMENT. ELECTRICAL CONNECTION IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHALL BE CONTACTED FOR THE LATEST EDITION.		DWN C. ROHLER 15JAN2009		 Tyco Electronics Harrisburg, PA 17105-3608			CHK P. DAMATO 15JAN2009				APVD M. PERCHERKE 15JAN2009		DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		mm		9 PLC ±.5				2 PLC ±.5				2 PLC ±.25				3 PLC ±.5				4 PLC ±.5				ANGLES ±.5		MATERIAL	2	FINISH 3		CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 4			REV C	
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		P	LTR	DESCRIPTION	DATE	DWN	APVD
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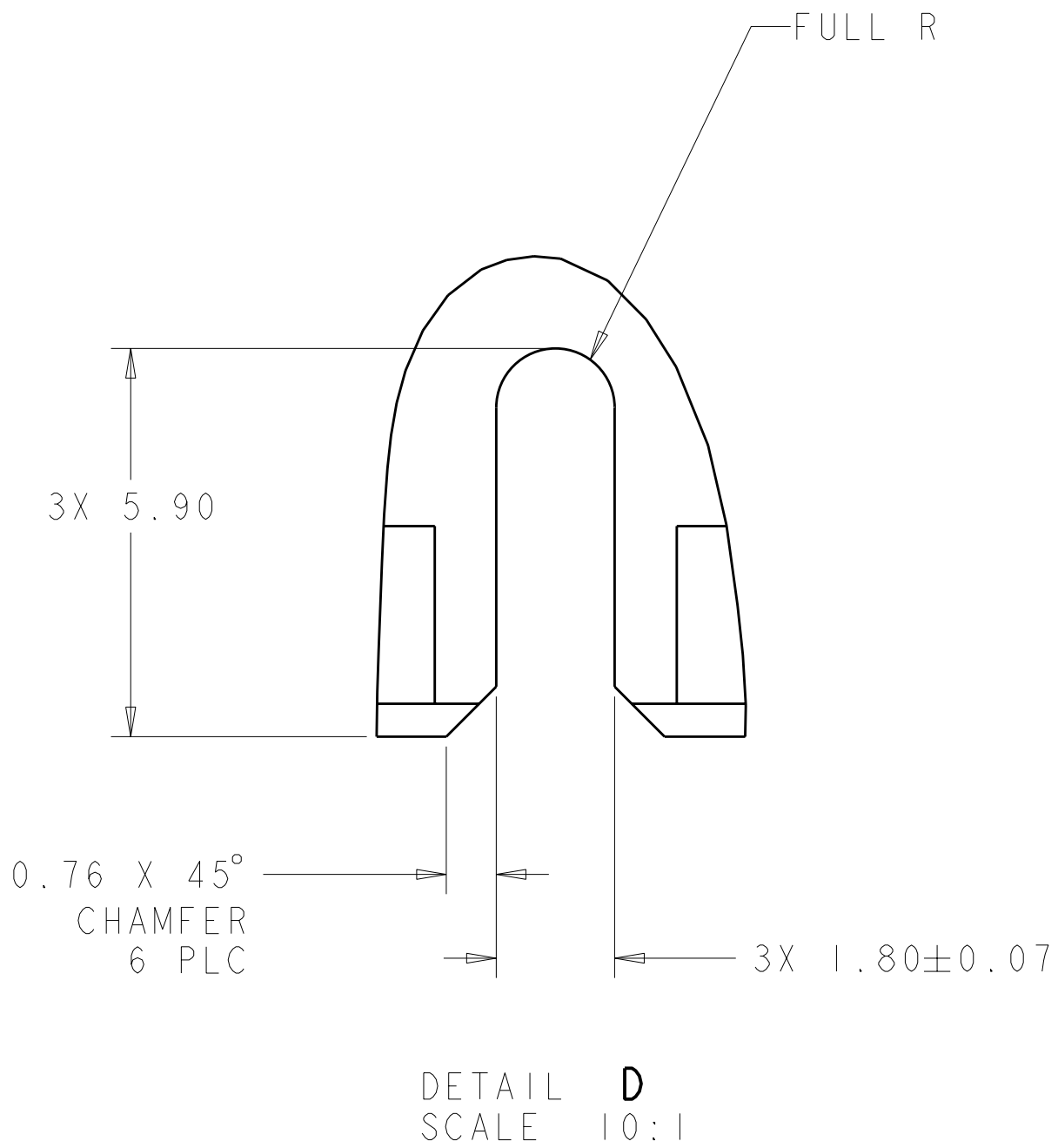
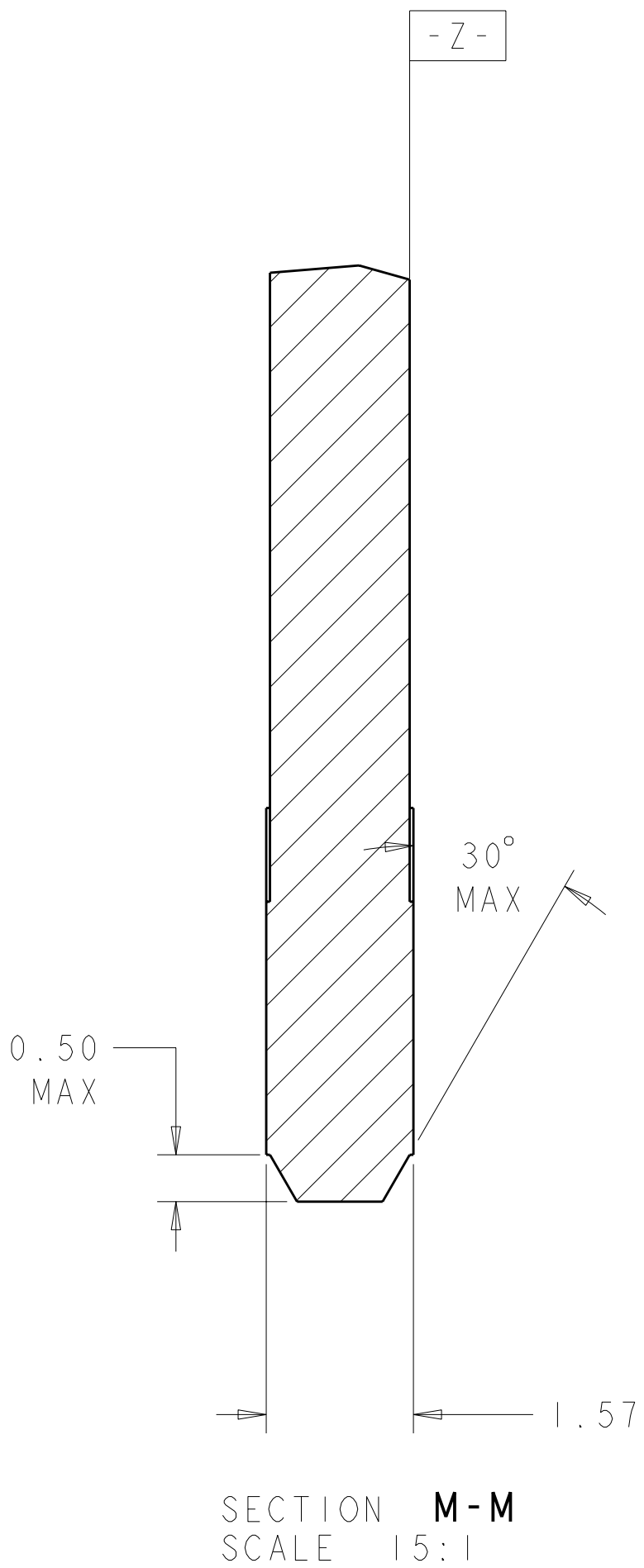
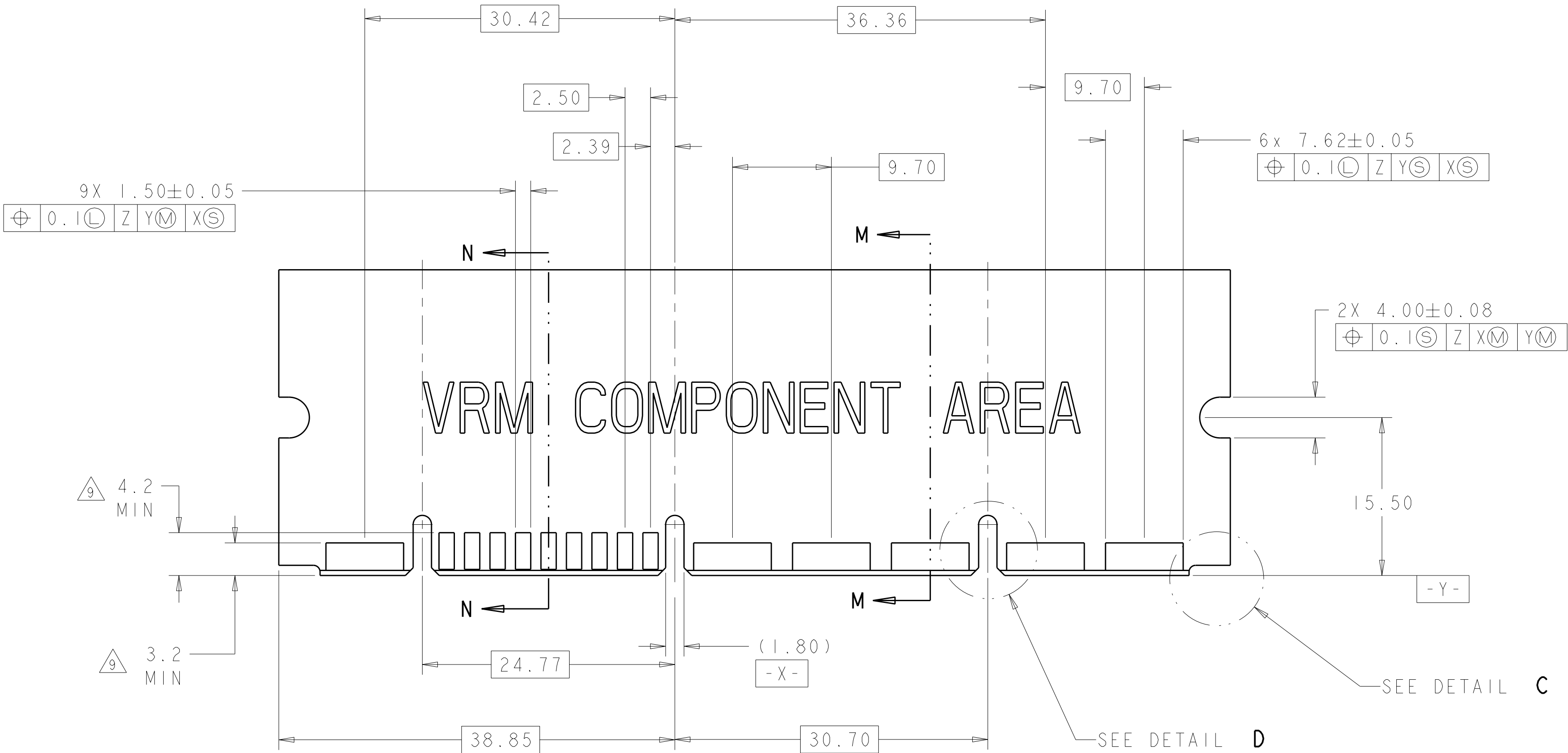
SECTION B-B
ROTATED 90° CW

SECTION A-A
ROTATED 90° CW

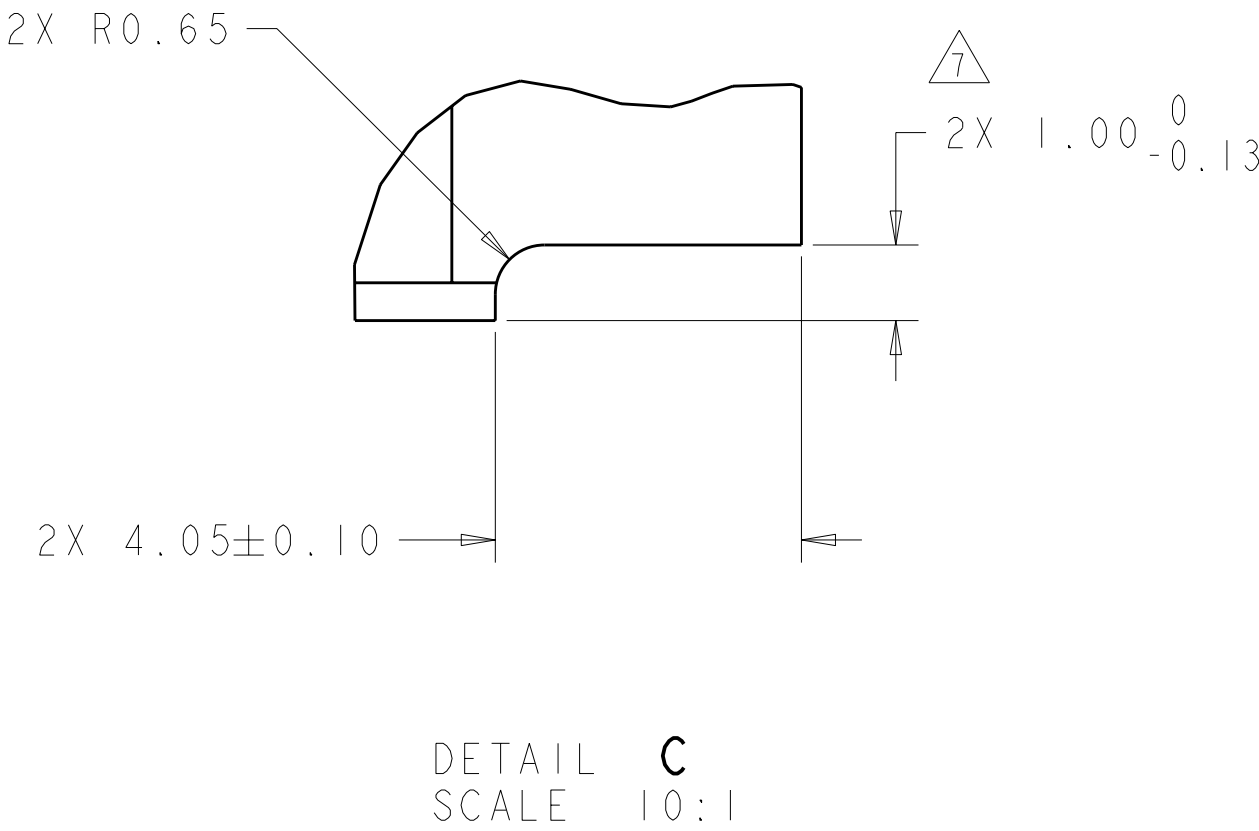
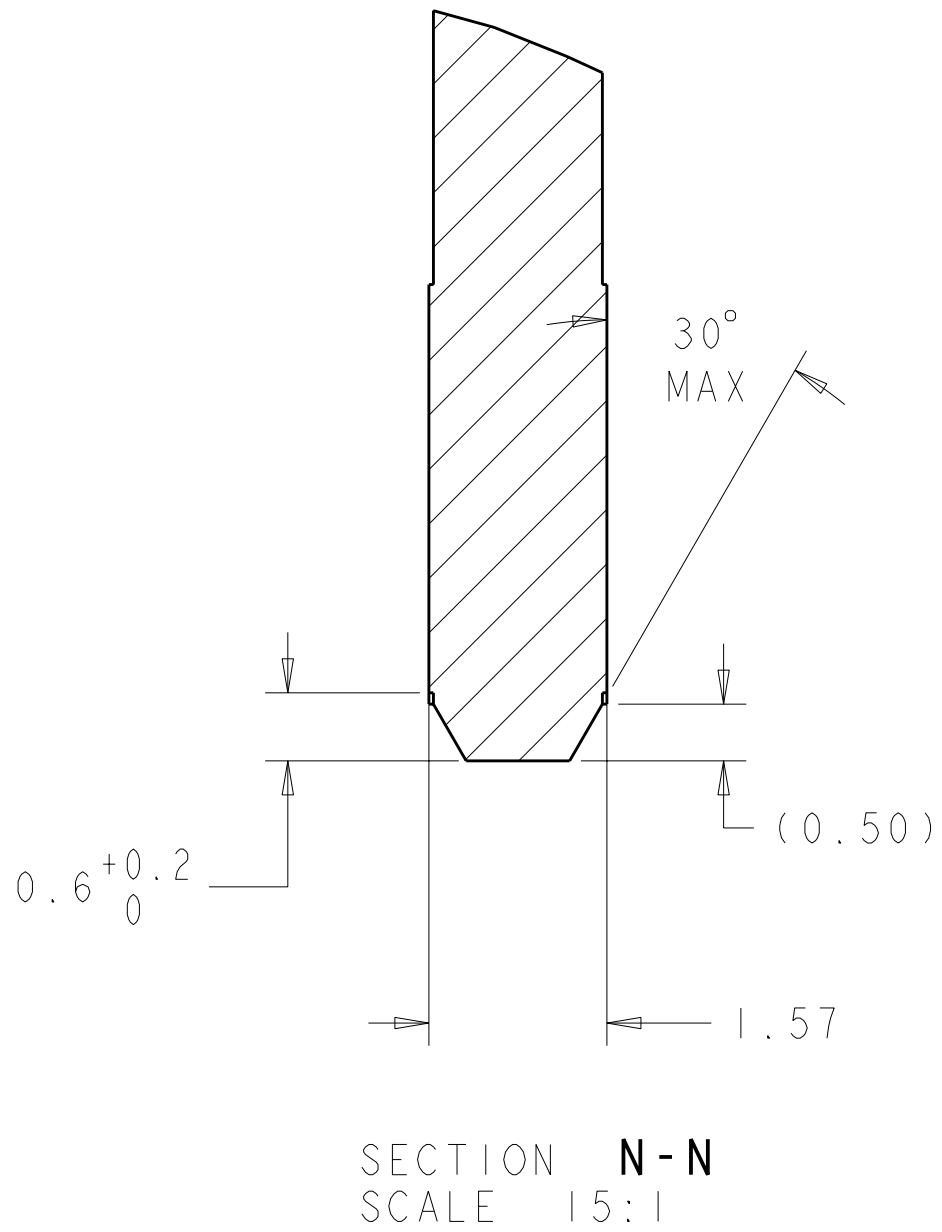
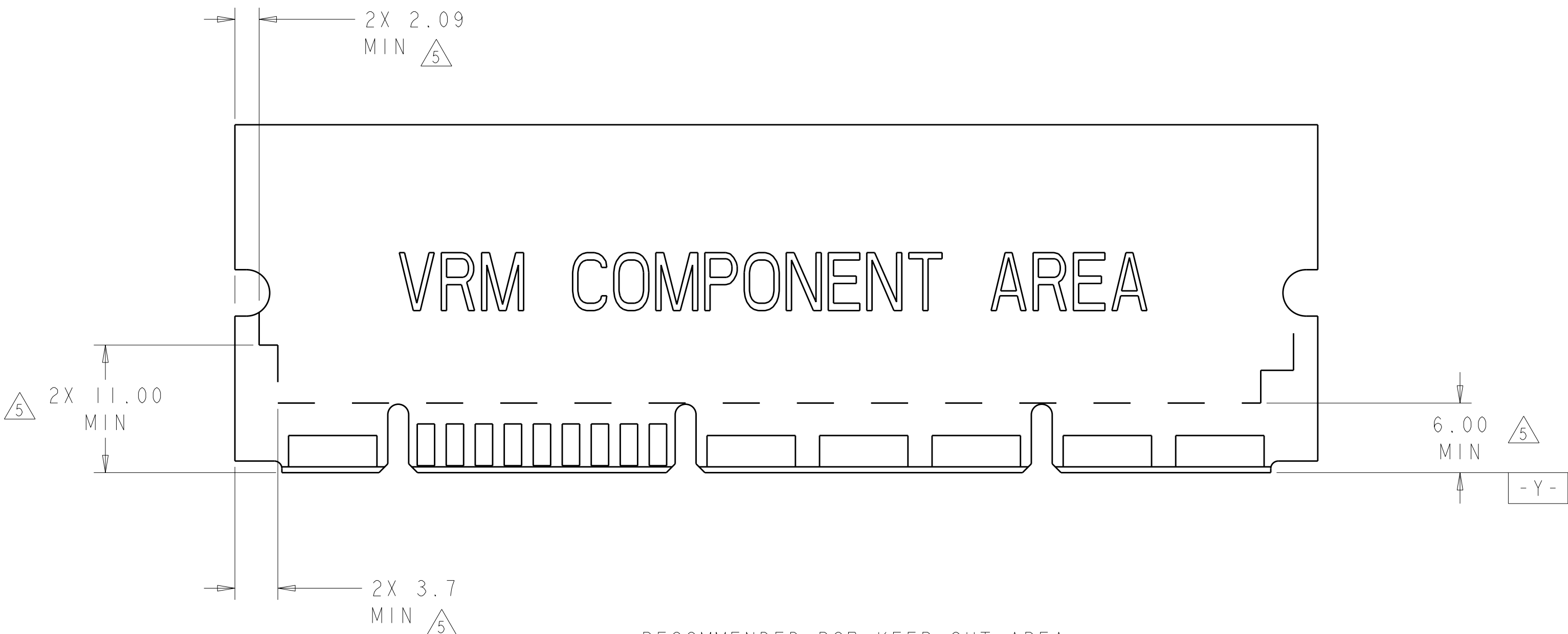


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DIMENSIONS: mm		CHK P. DAMATO 15JAN2009	NAME TOP ASSEM MC-P6S9, SOCKET CONNECTOR MINI CROWN EDGE, W/LATCHES, COMPLIANT PN 283-0172-04003	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH		APVD 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	-	-	-



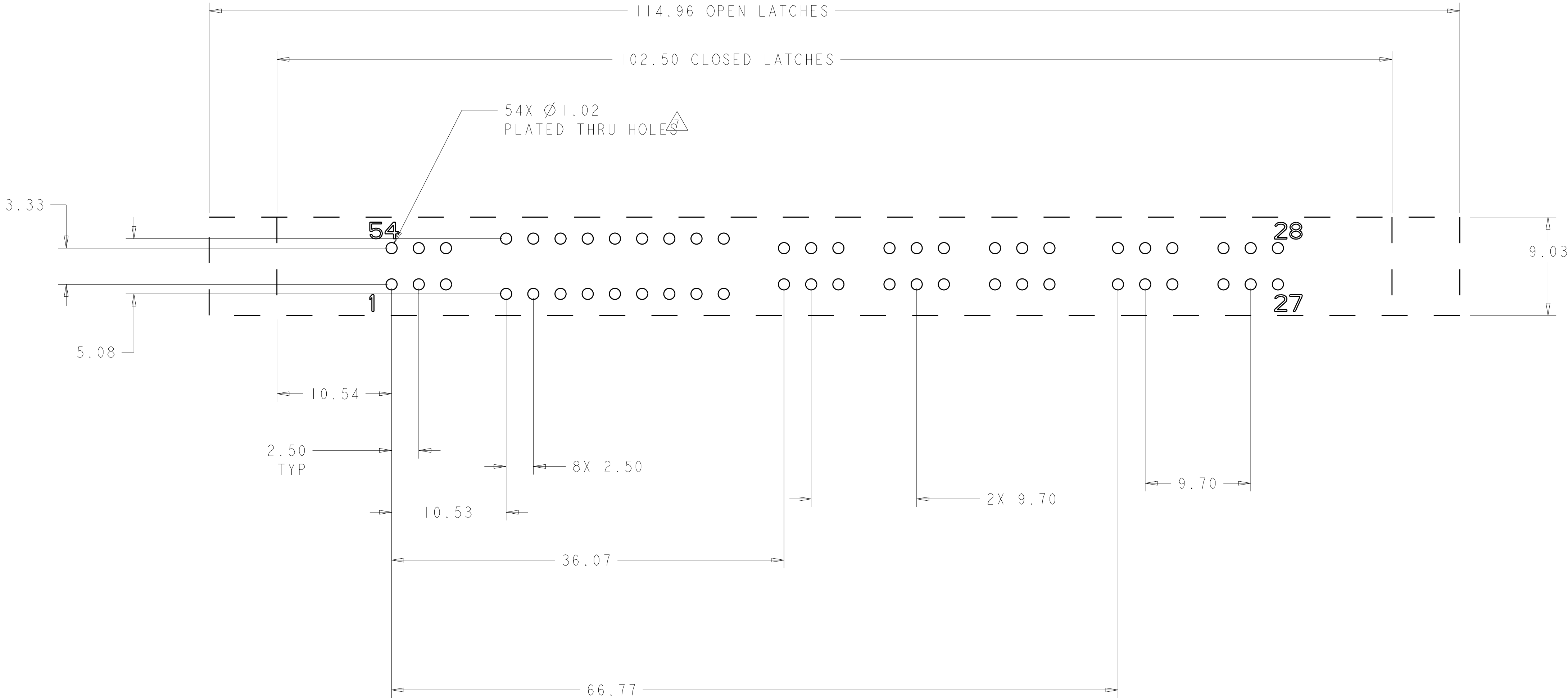
RECOMMENDED MATING BOARD



RECOMMENDED PCB KEEP OUT AREA

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mm		APVD M. PERCHERKE	PRODUCT SPEC				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC					
9 PLC ±.5		WEIGHT					
1 PLC ±.5		CUSTOMER DRAWING					
5 PLC ±.25		SCALE 1:1					
4 PLC ±.5		SHEET 3 OF 4					
ANGLES ±.5		REV C					
FINISH							
MATERIAL	-	WEIGHT	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		CUSTOMER DRAWING		A	100779	C=1766436	
				SCALE	1:1	SHEET	3 OF 4
						REV	C

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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DWN
C. ROHLER
15JAN2009

CHK
P. DAMATO
15JAN2009

APVD
M. PERCHERKE
15JAN2009

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5

1 PLC ±.5

2 PLC ±.25

3 PLC ±.5

4 PLC ±.5

ANGLES ±.5

FINISH

MATERIAL

-

WEIGHT

-

CUSTOMER DRAWING

NAME

TOP ASSEM MC-P6S9, SOCKET CONNECTOR

PRODUCT SPEC

MINI CROWN EDGE, W/LATCHES, COMPLIANT

APPLICATION SPEC

PN 283-0172-04003

SIZE

CAGE CODE

DRAWING NO

A100779C-1766436

RESTRICTED TO

-

SCALE

4:1

SHEET

4

OF

4

REV

C

Tyco Electronics

Harrisburg, PA 17105-3608