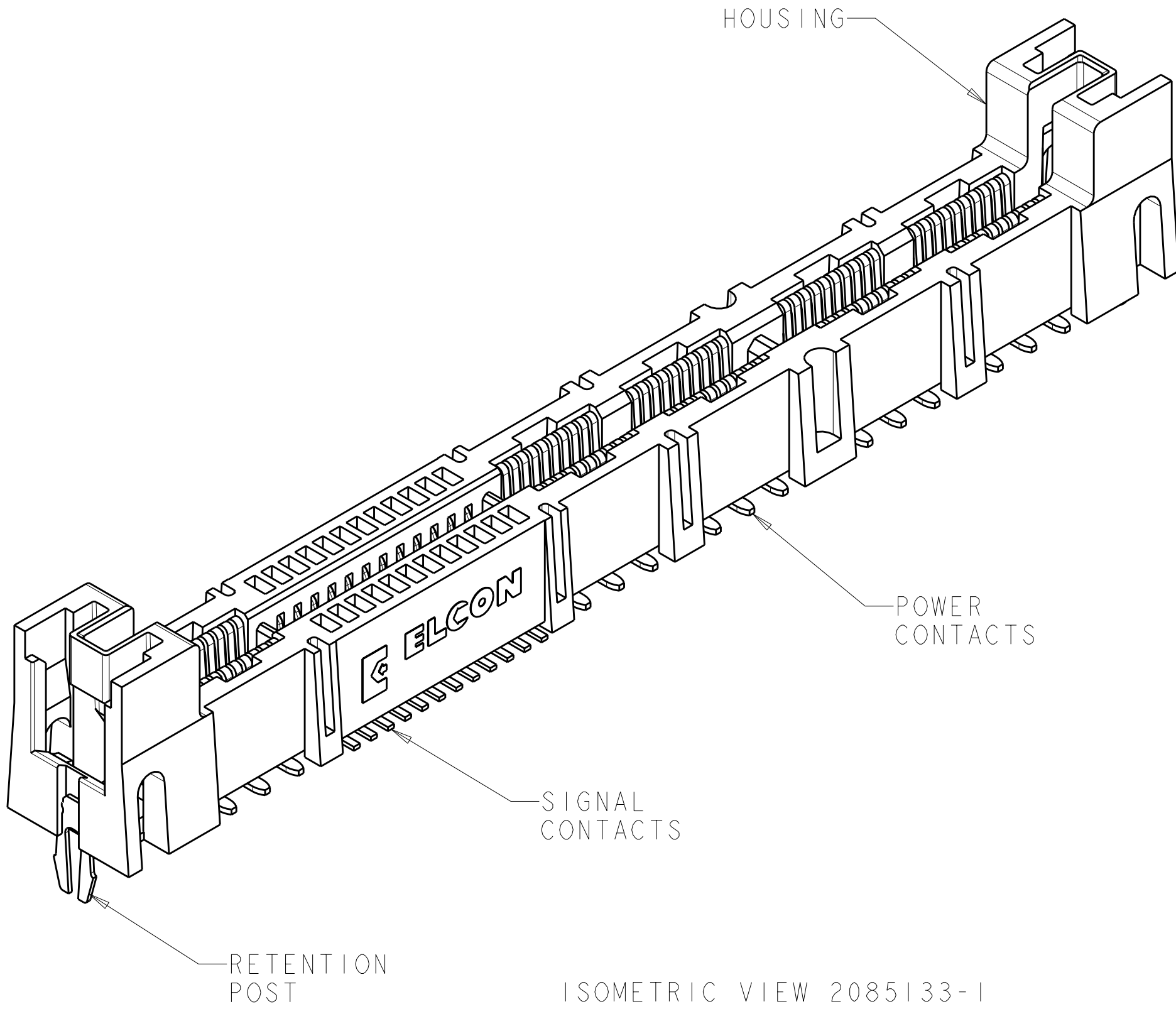


LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A		RELEASED	24FEB2009	RG	PD



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

2. MATERIAL:
HOUSING: GLASS FILLED POLYESTER, COLOR-BLACK
UL94V-0 FLAMMABILITY RATED
CONTACTS: COPPER ALLOY
RETENTION POST: COPPER ALLOY

3. FINISH:
SIGNAL CONTACTS:
MATING AREA-0.76µm MIN GOLD OVER 3.81µm MIN NICKEL
0.64µm MIN NICKEL PLATE OVER REMAINDER
SMT TAILS-3.81µm MIN MATTE TIN OVER NICKEL PLATE
POWER CONTACTS:
1.27µm MIN NICKEL PLATE ALL OVER
MATING AREA-0.76µm MIN GOLD OVER NICKEL PLATE
SMT TAILS-3.05µm MIN TIN OVER NICKEL PLATE
RETENTION POSTS:
3.05µm MIN MATTE TIN OVER 0.63µm MIN NICKEL

4. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED WITH PART NUMBER AND DATE CODE.

5. MAXIMUM BURR OF 0.013 ON CARD TAB AREA.

6. SET TRACE BACK FROM PC BOARD EDGE. NO SOLDERMASK ALLOWED BETWEEN PC BOARD EDGE AND TRACE.

7. CONNECTOR ACCEPTS 1.57±0.13 THICK PC BOARD.

8. KEEP OUT AREA FOR COMPONENTS ONLY.

9. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

10. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

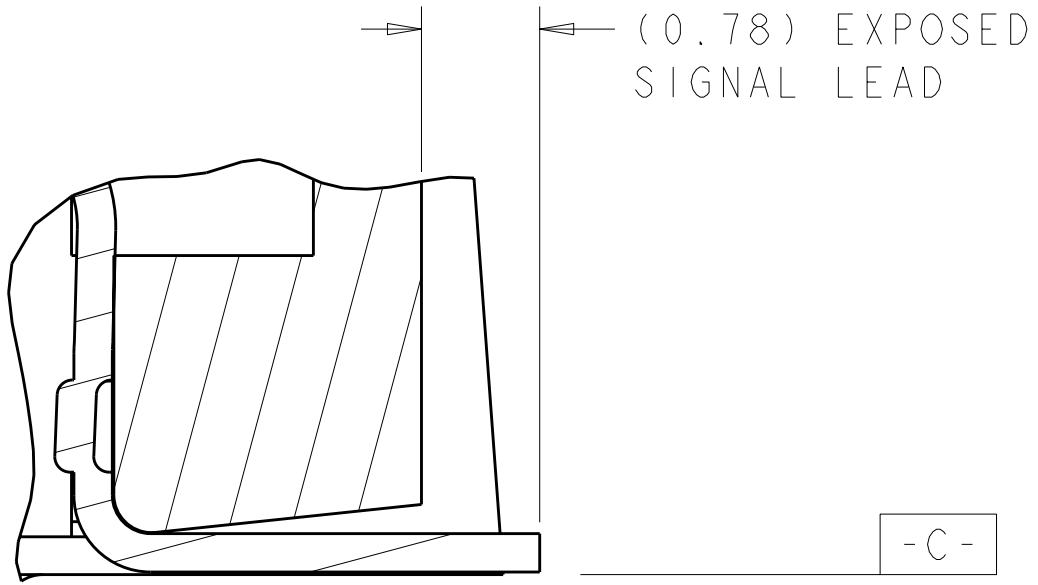
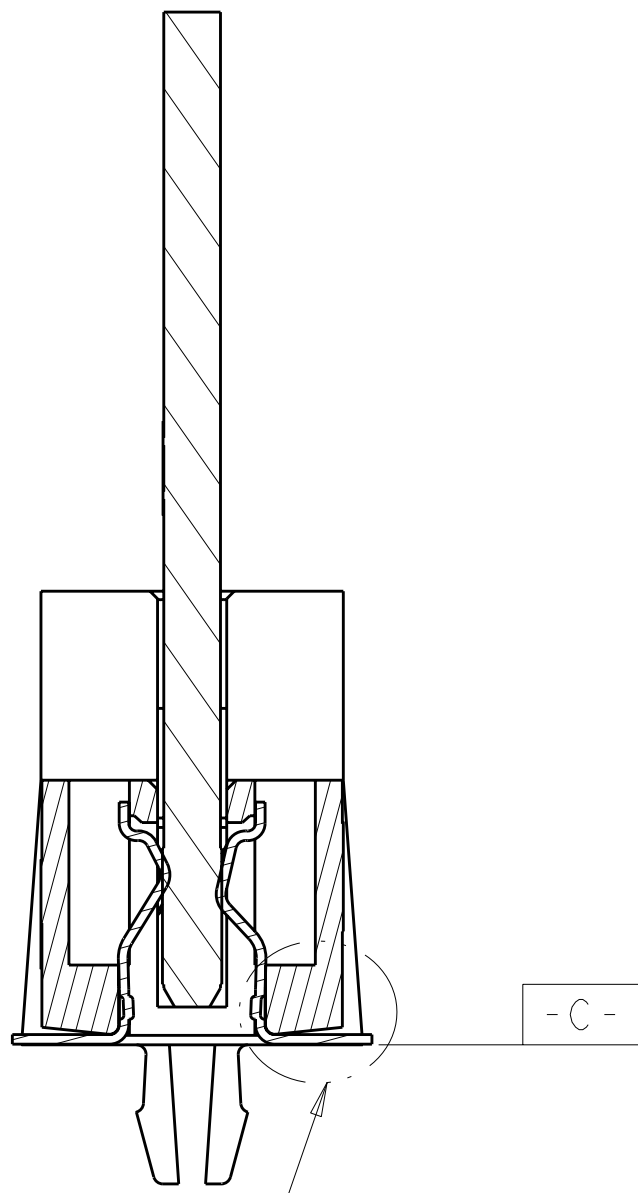
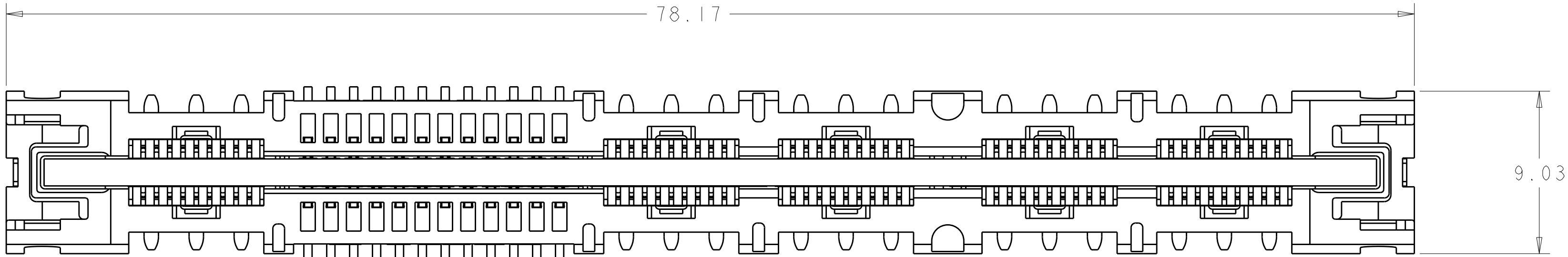
11. FOR DESIGN OBJECTIVES SEE 108-2301.

12. THIS PRODUCT HAS NOT PASSED QUALIFICATION TESTING.

2.92-3.55	4.61	2085133-3
2.29-2.92	4.19	2085133-2
≤1.57	3.68	2085133-1
BOARD THICKNESS RANGE	DIM. "A"	PART NUMBER

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CHK P. D'AMATO 30JAN2009		APVD M. PERCHERIE 30JAN2009	NAME SOCKET CONNECTOR, SMT P2-S24-P8 MINI CROWN EDGE -	
DIMENSIONS: mm 				

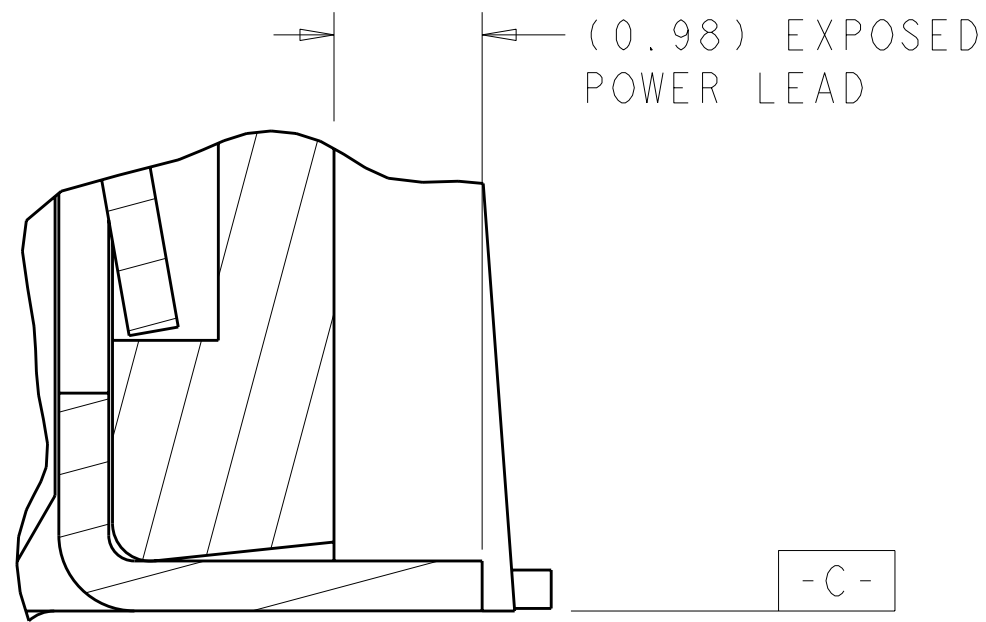
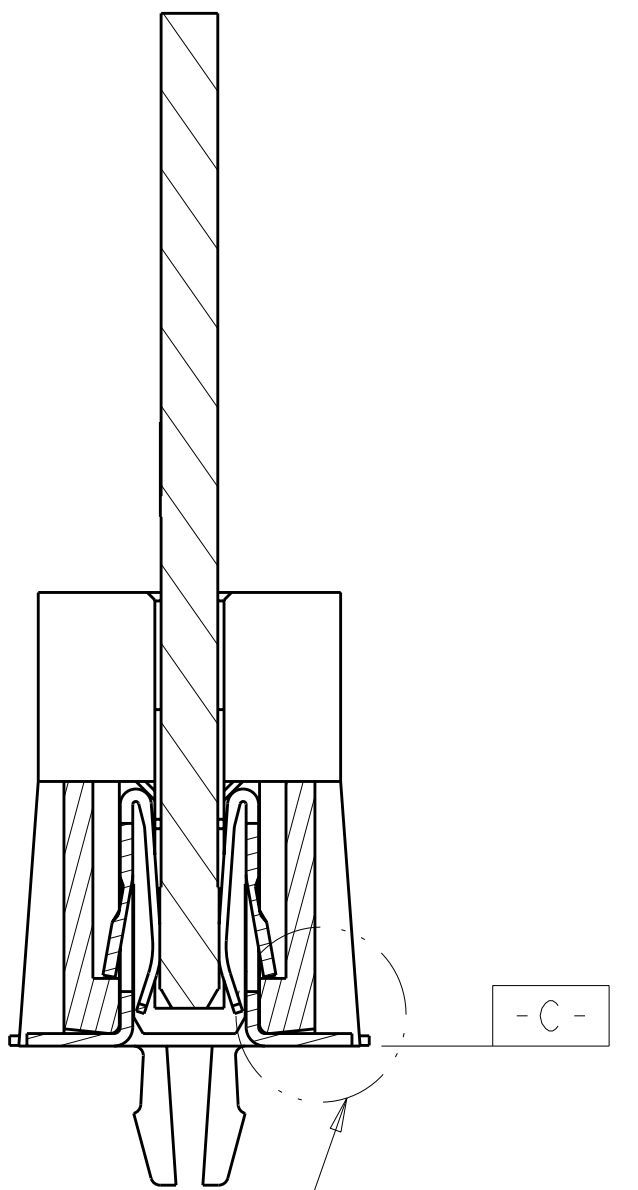
LOC		DIST		REVISIONS			
F	LYR	DESCRIPTION		DATE	DWN	APVD	
-	-	SEE SHEET 1		-	-	-	



DETAIL H
SCALE 20:1

SEE DETAIL H

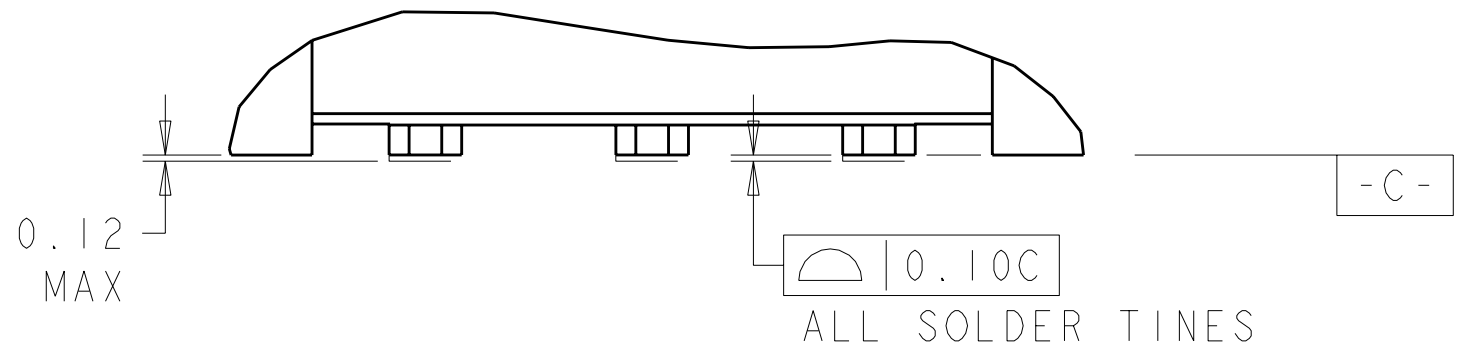
SECTION R-R



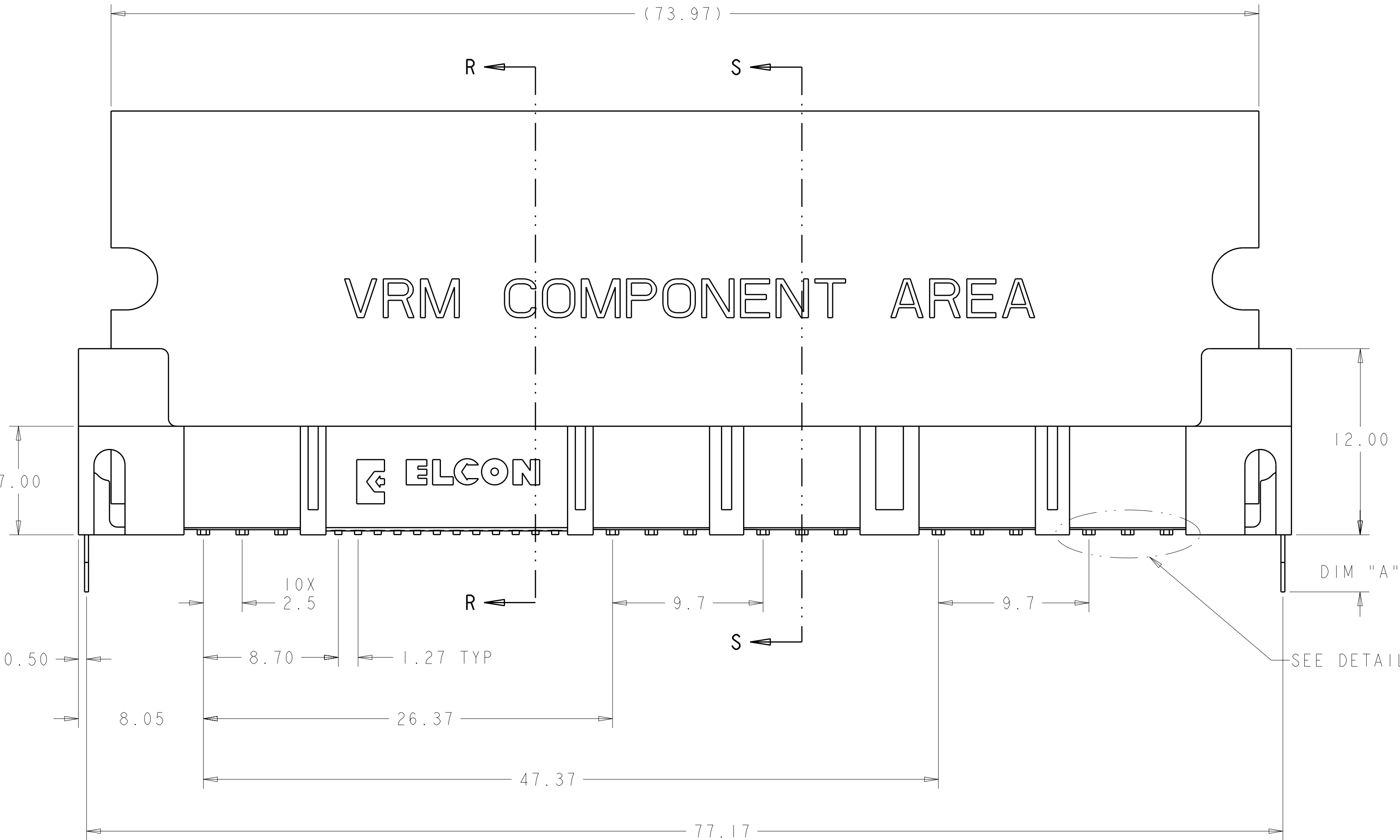
DETAIL G
SCALE 20:1

SEE DETAIL G

SECTION S-S

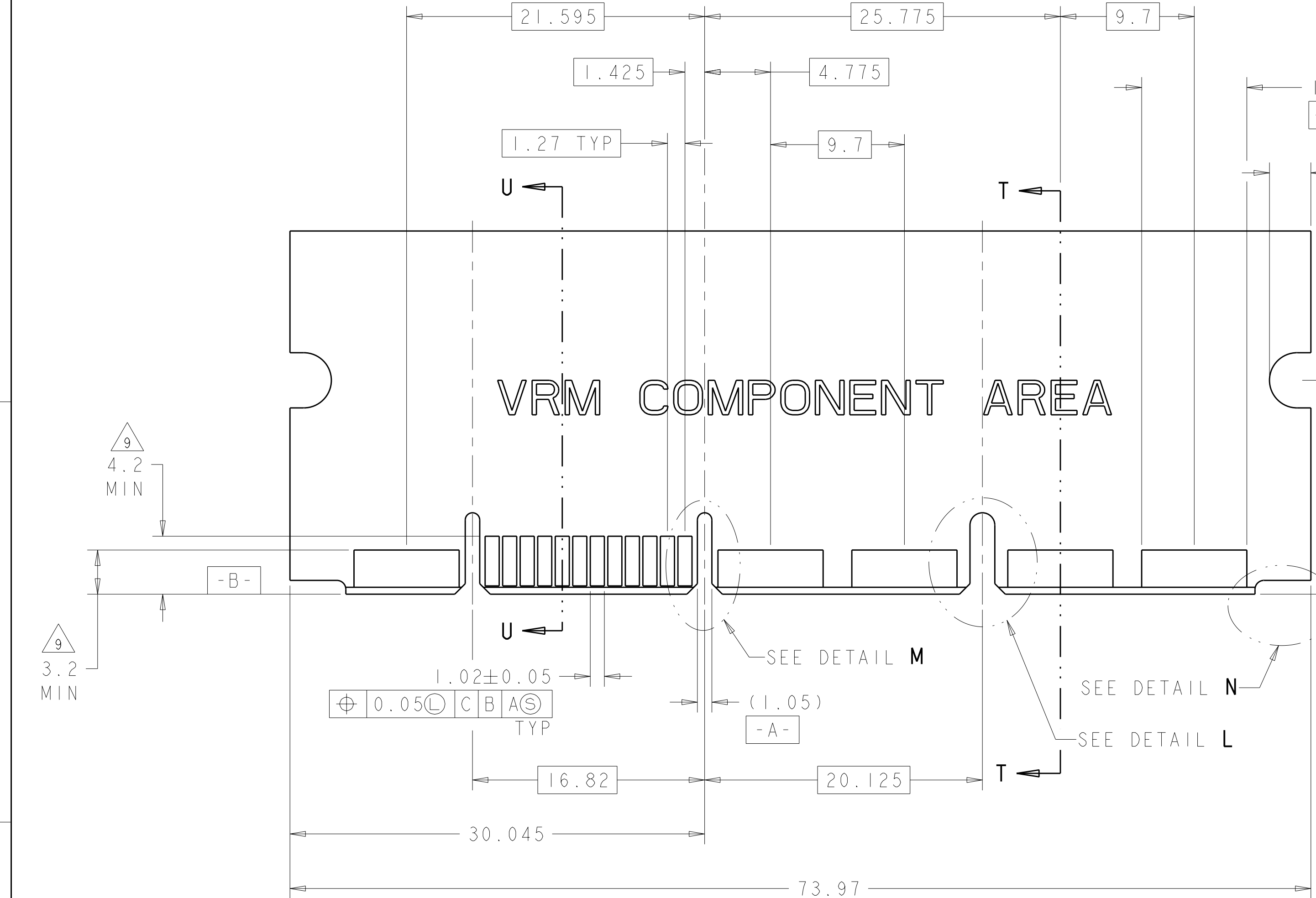


DETAIL Z
SCALE 12:1

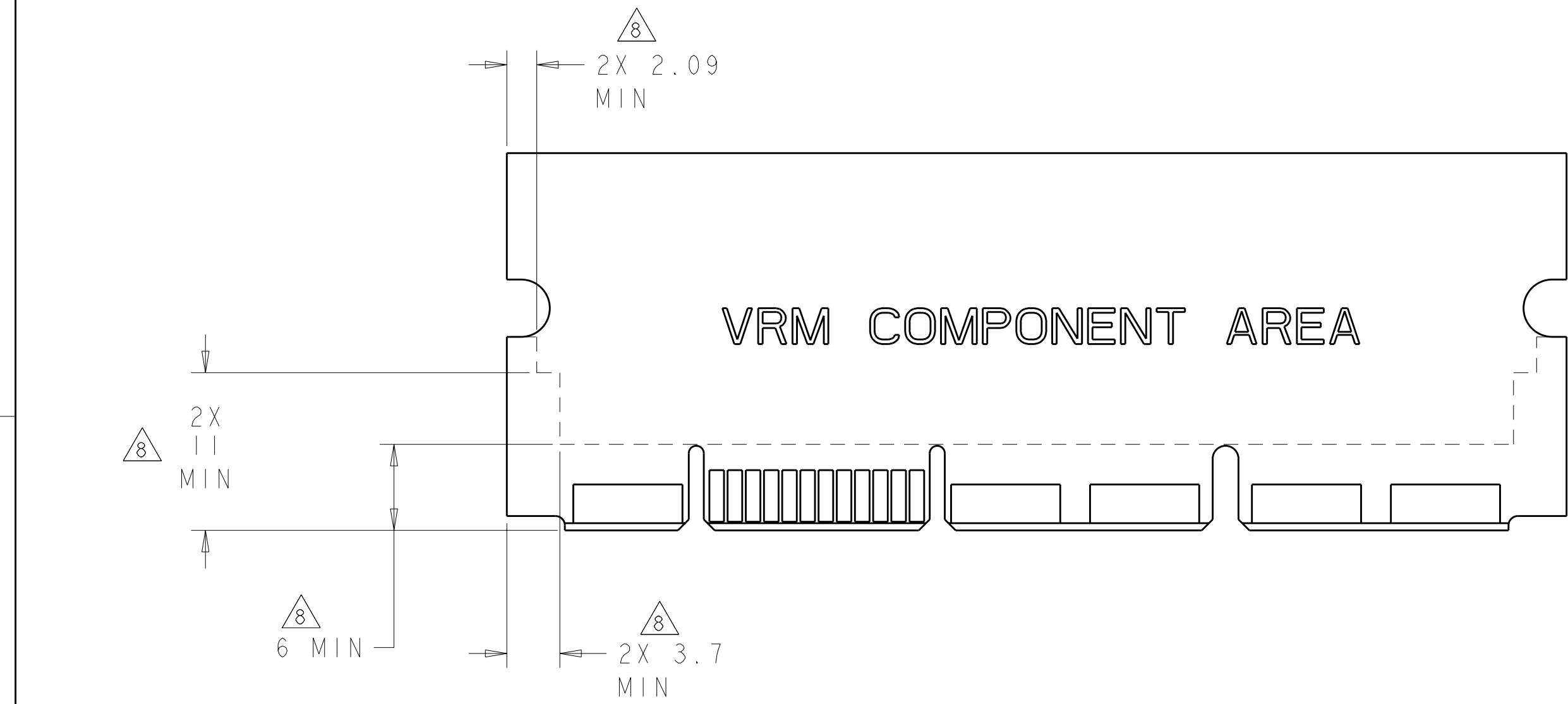


TYP: THIS DRAWING IS TO BE CONTROLLED TOGETHER WITH TYCO ELECTRONICS CORPORATION. IT IS THE POLICY OF TYCO ELECTRONICS CORPORATION TO CONTROL THE QUALITY OF THE PRODUCT THROUGHOUT THE ENTIRE MANUFACTURING PROCESS. ANY CHANGES TO THE DESIGN OR CONSTRUCTION OF THE PRODUCT MUST BE APPROVED BY TYCO ELECTRONICS CORPORATION. ANY CHANGES TO THE DESIGN OR CONSTRUCTION OF THE PRODUCT MUST BE APPROVED BY TYCO ELECTRONICS CORPORATION.		DWN R. GRZYBOWSKI 30JAN2009	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK P. D'AMATO 30JAN2009	NAME SOCKET CONNECTOR, SMT P2-S24-P8 MINI CROWN EDGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 2 PLC ±.5 3 PLC ±.25 4 PLC ±.5 ANGLES ±.2		APVD M. PERCHERET 30JAN2009	SIZE A100779	
MATERIAL		PRODUCT SPEC	CAGE CODE C=2085133	
		APPLICATION SPEC	DRAWING NO 2085133	
		WEIGHT	RESTRICTED TO	
		CUSTOMER DRAWING	SCALE 5:1	
			SHEET 2 OF 4	
			REV A	

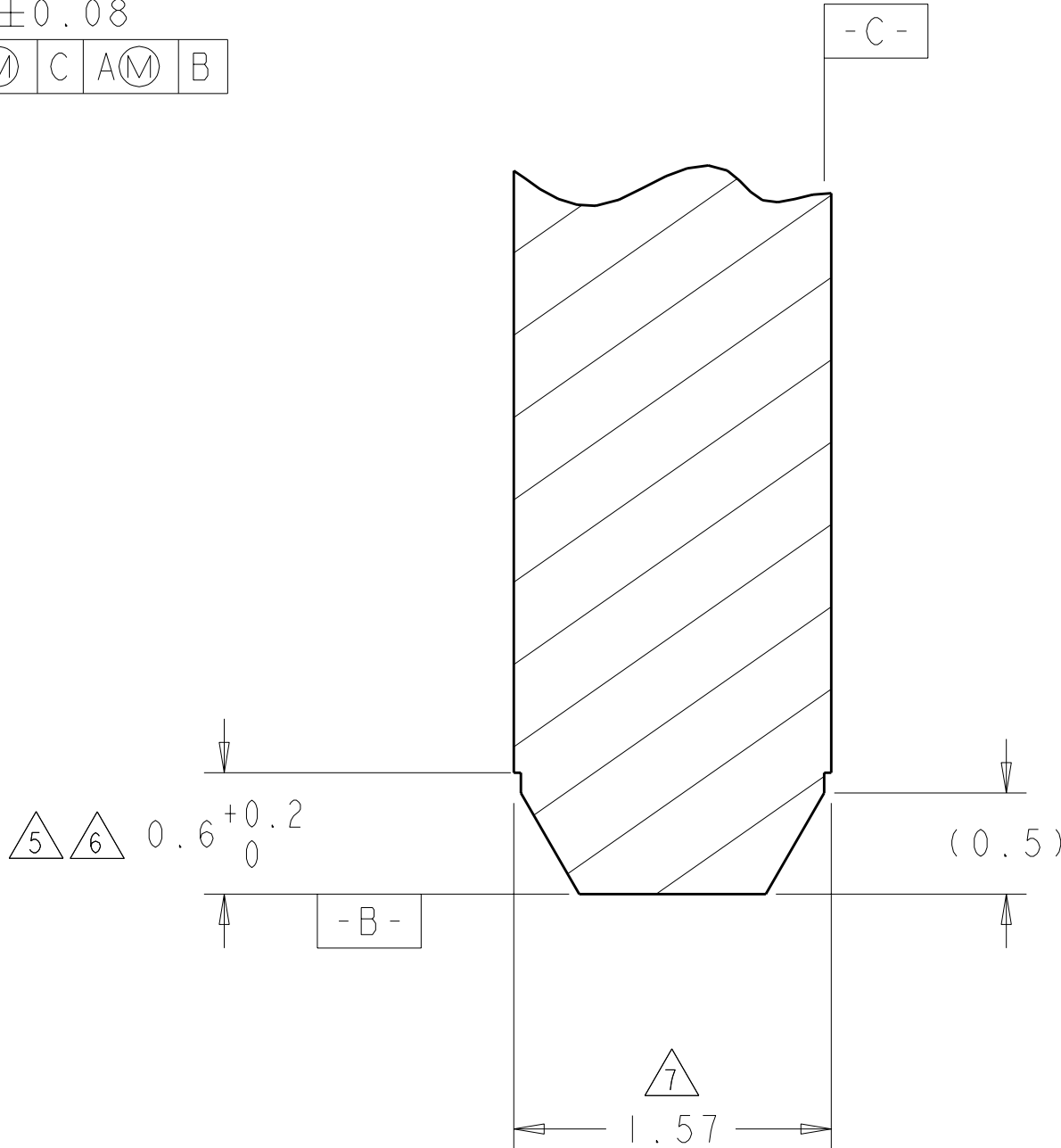
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GP				REV	DESCRIPTION	DATE	OWN
				-	SEE SHEET 1	-	-



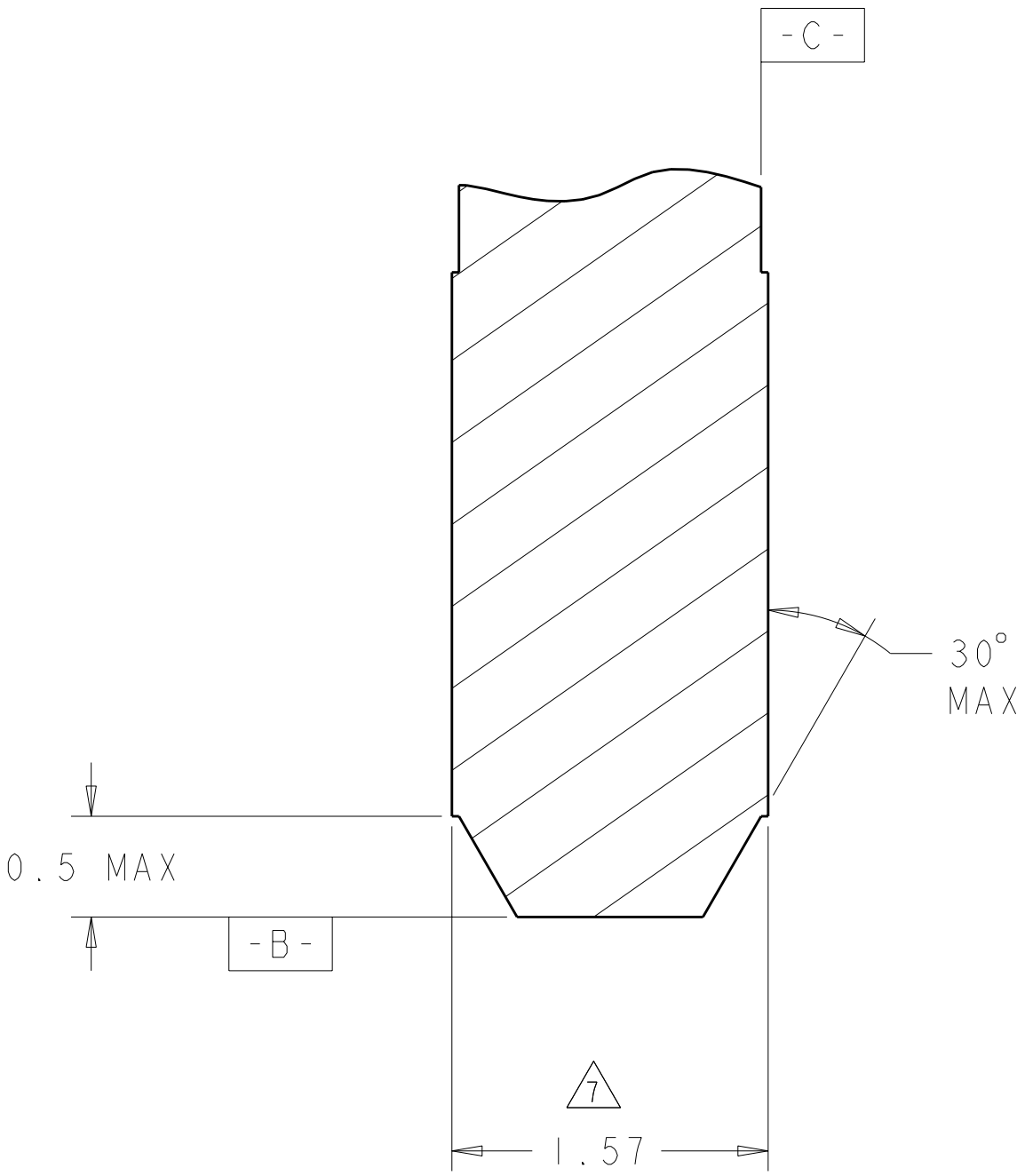
RECOMMENDED MATING BOARD
SCALE 4:1



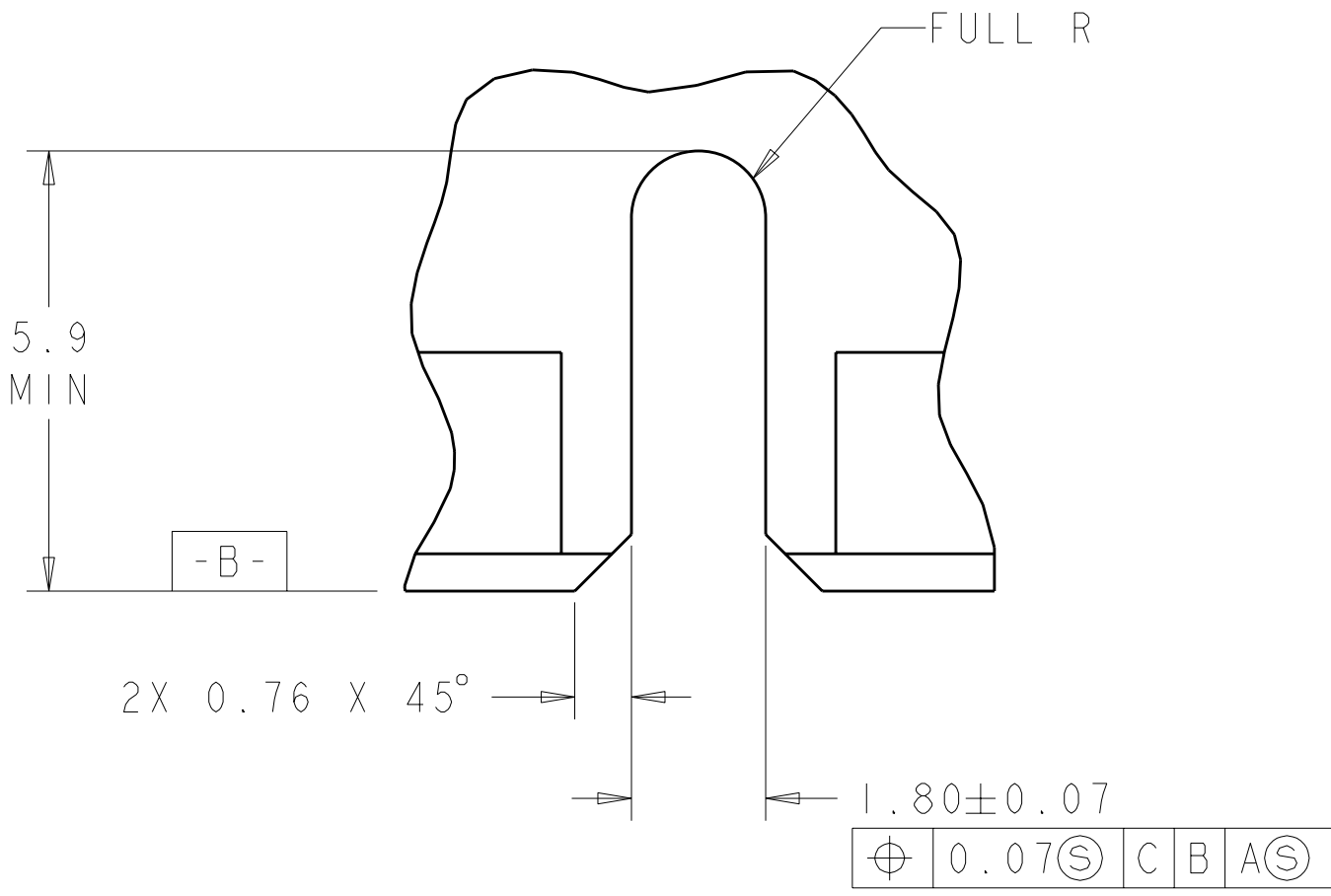
RECOMMENDED PC BOARD KEEP OUT AREA
SCALE 3:1



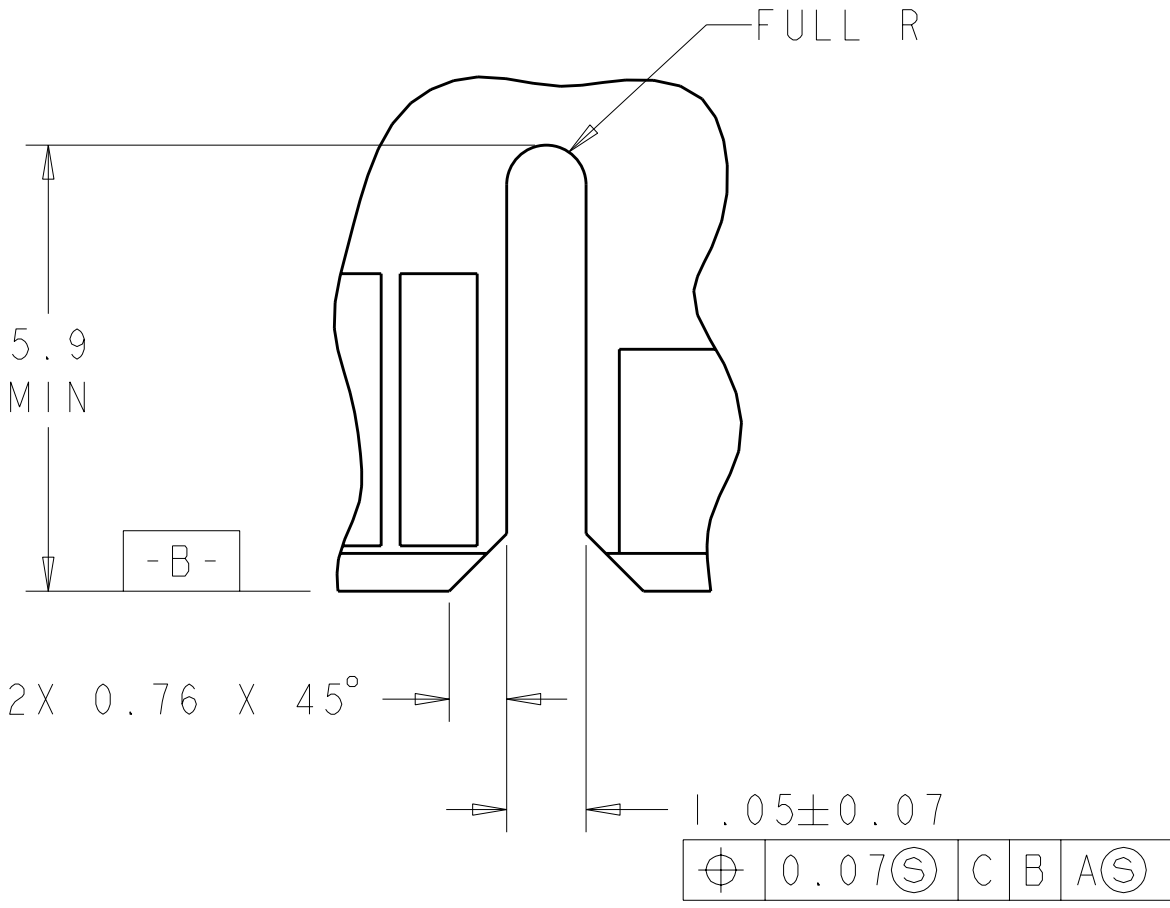
SECTION U-U
SCALE 30:1



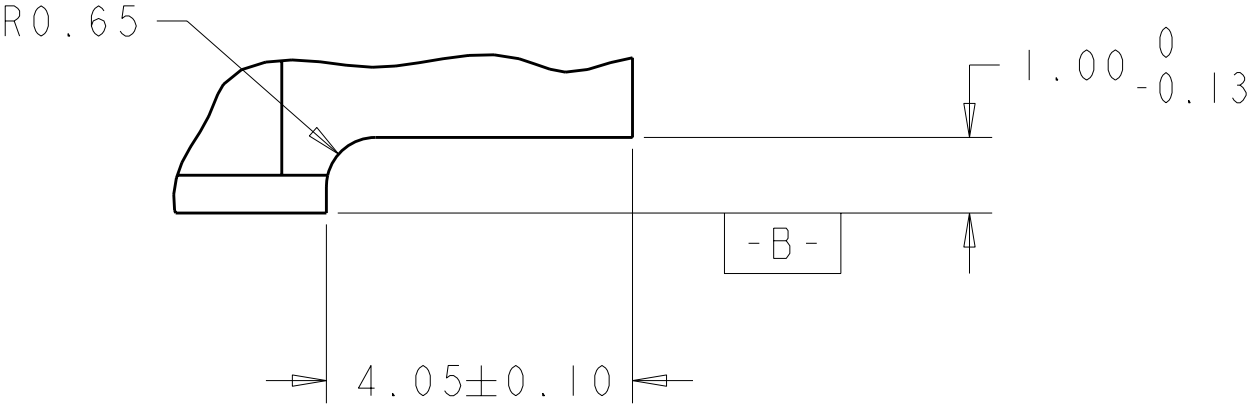
SECTION T-T
SCALE 30:1



DETAIL L
SCALE 10:1



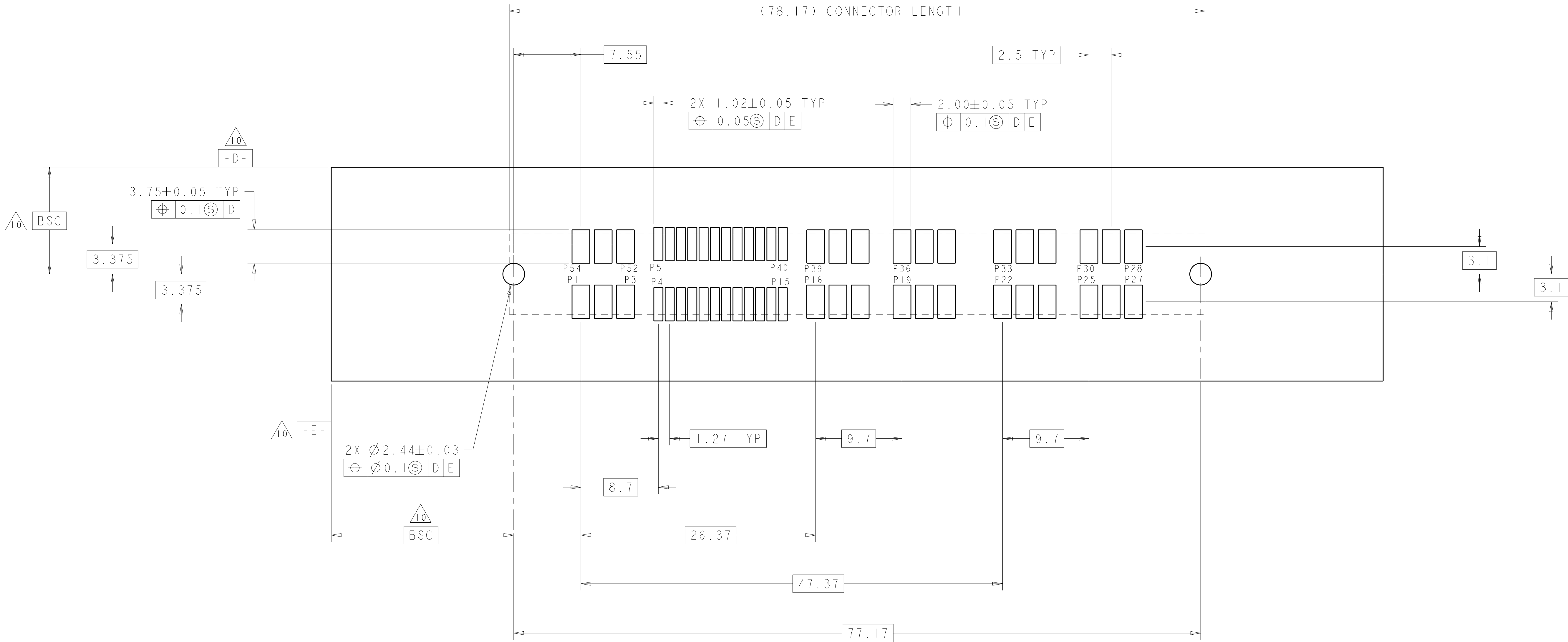
DETAIL M
2X TYPICAL
SCALE 10:1



DETAIL N
2X TYPICAL
SCALE 10:1

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CHK P. D'AMATO 30JAN2009				APVD M. PERCHERIE 30JAN2009		NAME SOCKET CONNECTOR, SMT P2-S24-P8 MINI CROWN EDGE	
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±.25		PRODUCT SPEC APPLICATION SPEC	
MATERIAL FINISH				WEIGHT -		SIZE A100779C=2085133	
CUSTOMER DRAWING				SCALE 5:1		SHEET 3 OF 4	
						REV A	

LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



RECOMMENDED SOLDER LAND GUIDELINE
AS VIEWED FROM CONNECTOR SIDE
SCALE 4:1

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DIMENSIONS: mm		CHK P. D'AMATO 30JAN2009	NAME SOCKET CONNECTOR, SMT P2-S24-P8 MINI CROWN EDGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 3 PLC ±.5 5 PLC ±.25 4 PLC ±.5 ANGLES ±.2 FINISH		APVD M. PERCHERET 30JAN2009	SIZE A100779	
MATERIAL		PRODUCT SPEC	DRAWING NO C=2085133	
		APPLICATION SPEC	RESTRICTED TO	
		WEIGHT	SCALE 5:1	
		CUSTOMER DRAWING	SHEET 4 OF 4	
			REV A	