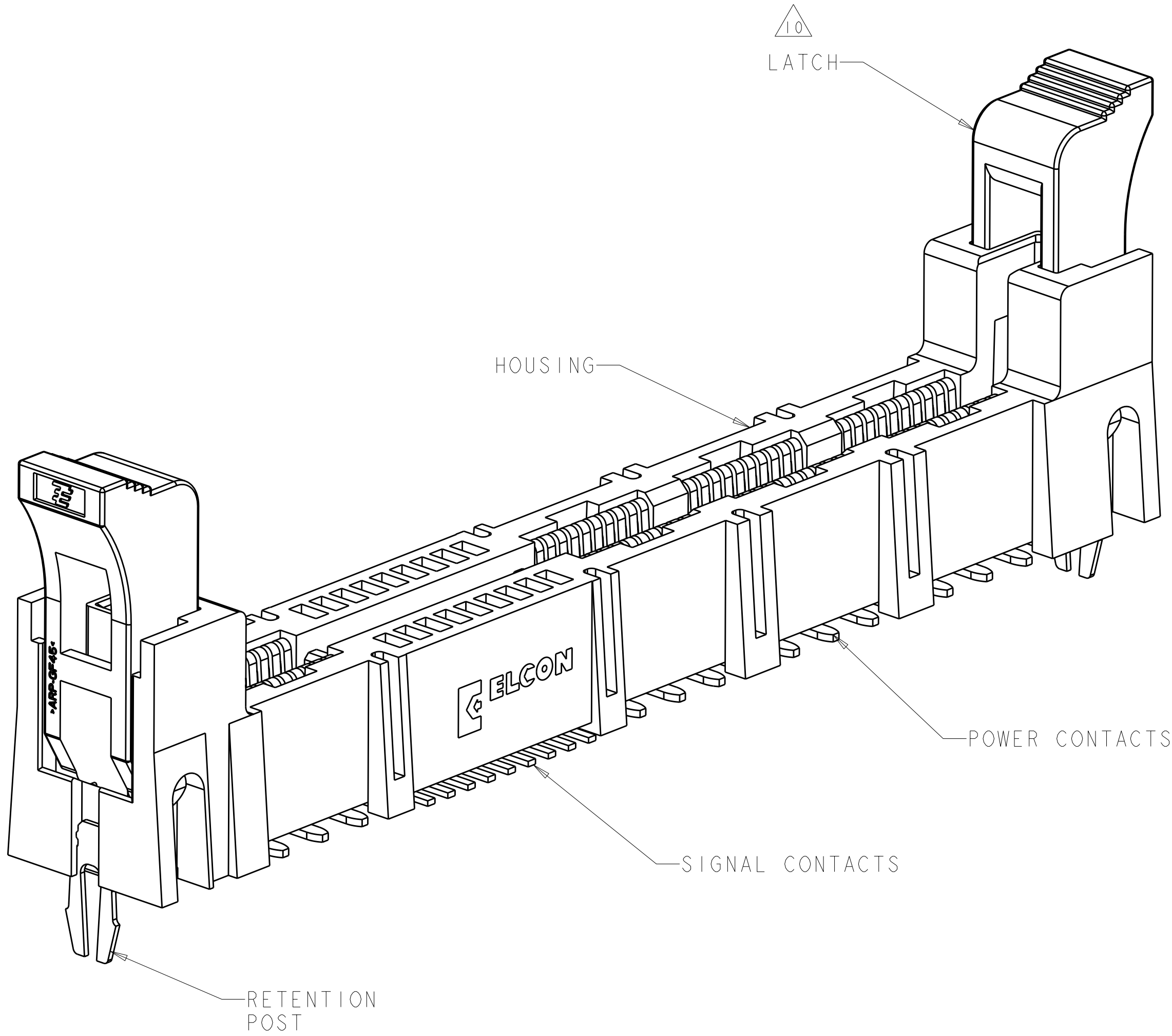


LOC		DIST		REVISIONS						
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD	
				A		RELEASED	11 JAN2010	RG	MS	
				B		REV PER ECO-10-000671	12 JAN2010	RG	MS	



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

2. MATERIAL:
HOUSING: GLASS FILLED POLYESTER, COLOR-BLACK
UL94V-0 FLAMMABILITY RATED
LATCHES: THERMOPLASTIC, GLASS REINFORCED
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. FEATURE REQUIRED FOR USE WITH EJECTOR.

10. 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.

11. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

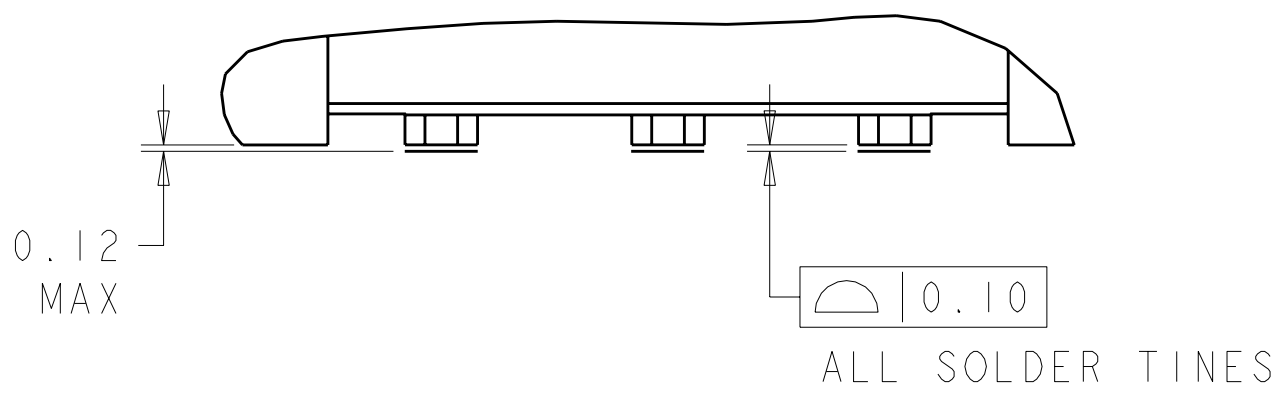
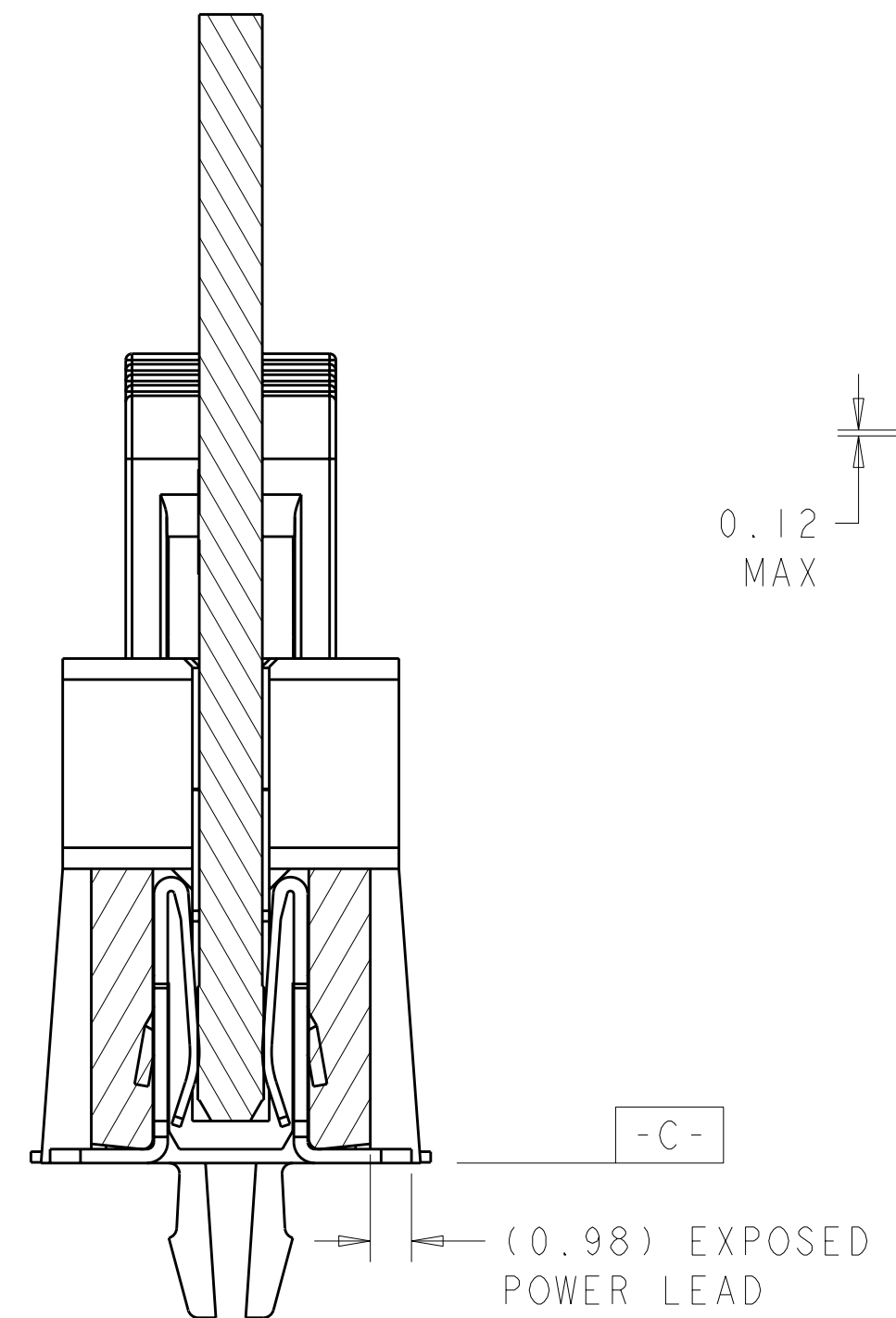
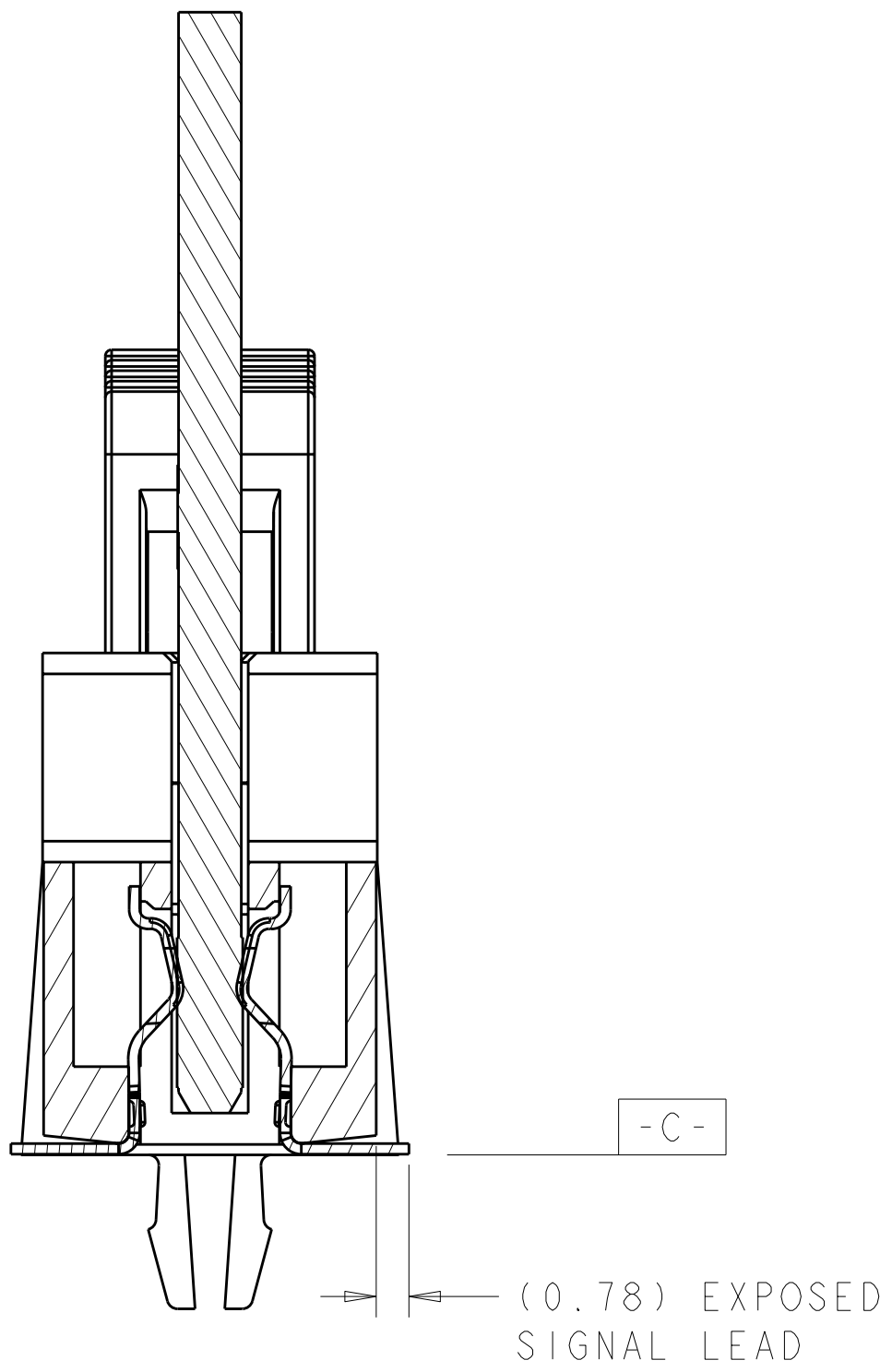
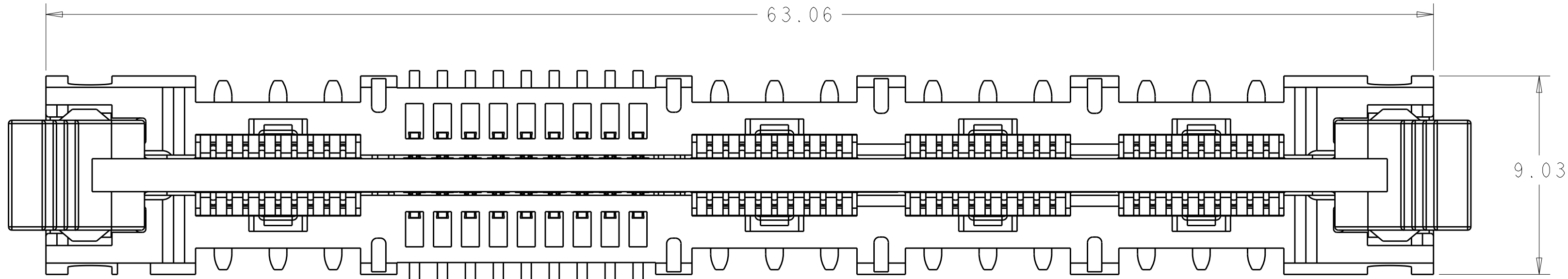
12. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

13. FOR DESIGN OBJECTIVES SEE 108-2301.

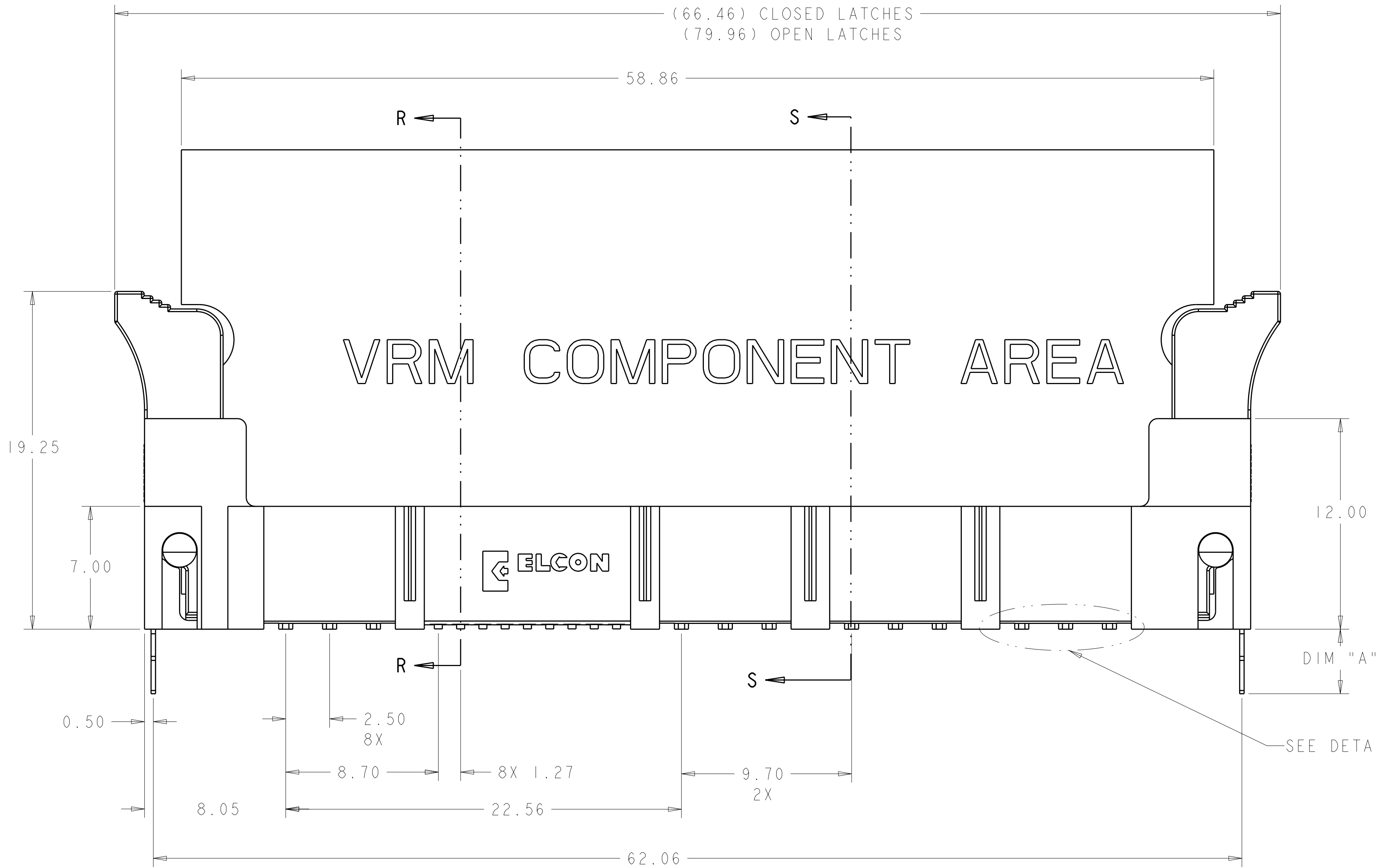
GF30	2.92-3.55	5.24	2085197-8
	2.29-2.92	4.61	2085197-7
	1.57-2.29	4.19	2085197-6
	≤ 1.57	3.68	2085197-5
GF45	2.92-3.55	5.24	2085197-4
	2.29-2.92	4.61	2085197-3
	1.57-2.29	4.19	2085197-2
	≤ 1.57	3.68	2085197-1
MATERIAL 	BOARD THICKNESS RANGE	DIM "A"	PART NUMBER

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DIMENSIONS: mm		CHK R. LONDON 20MAR2009	NAME M. PERCHERET 20MAR2009		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±.2		PRODUCT SPEC			
MATERIAL 2		APPLICATION SPEC			
FINISH 3		WEIGHT -			
		CUSTOMER DRAWING			
		SCALE 5:1 SHEET 1 OF 4 REV B			

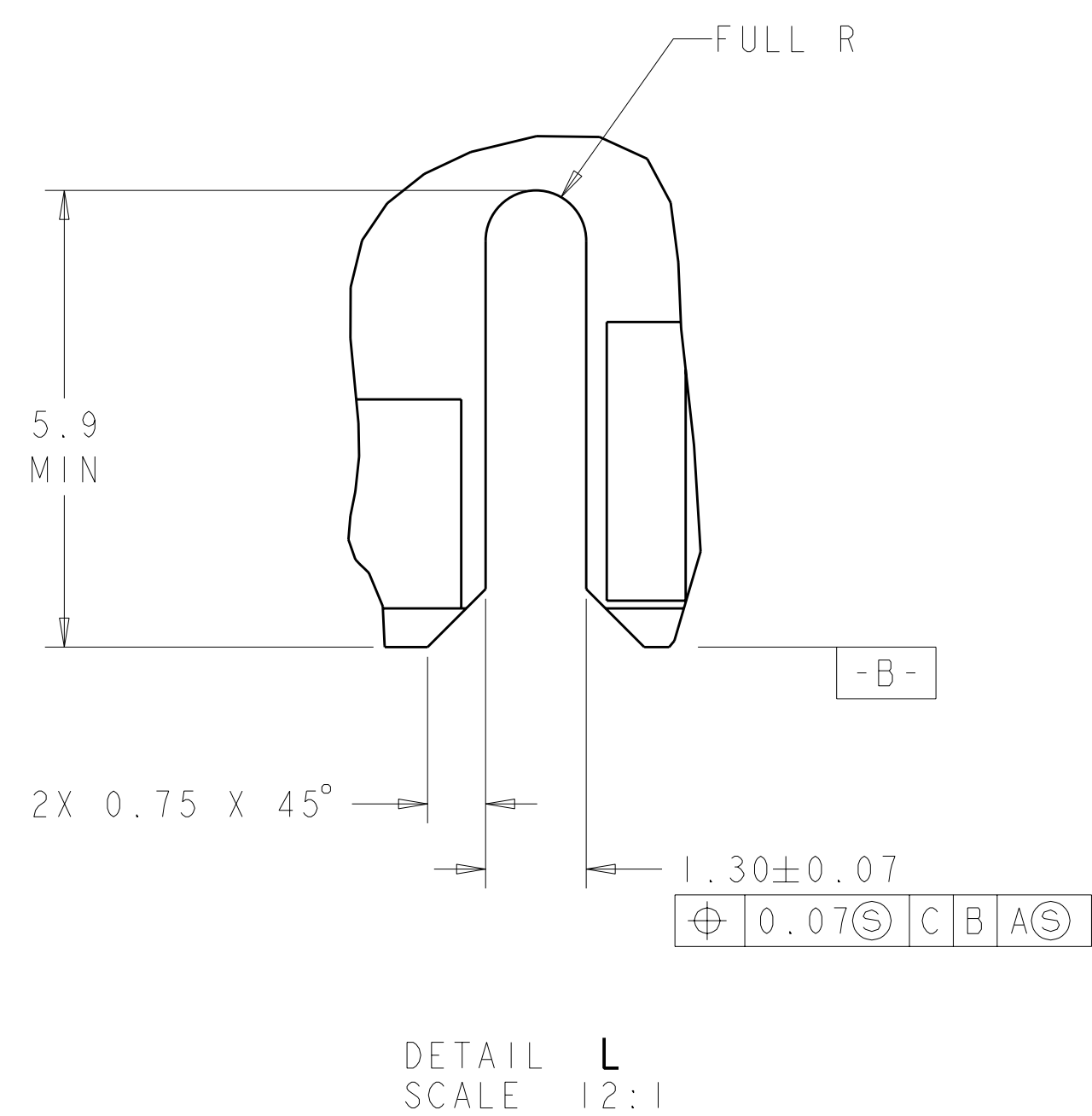
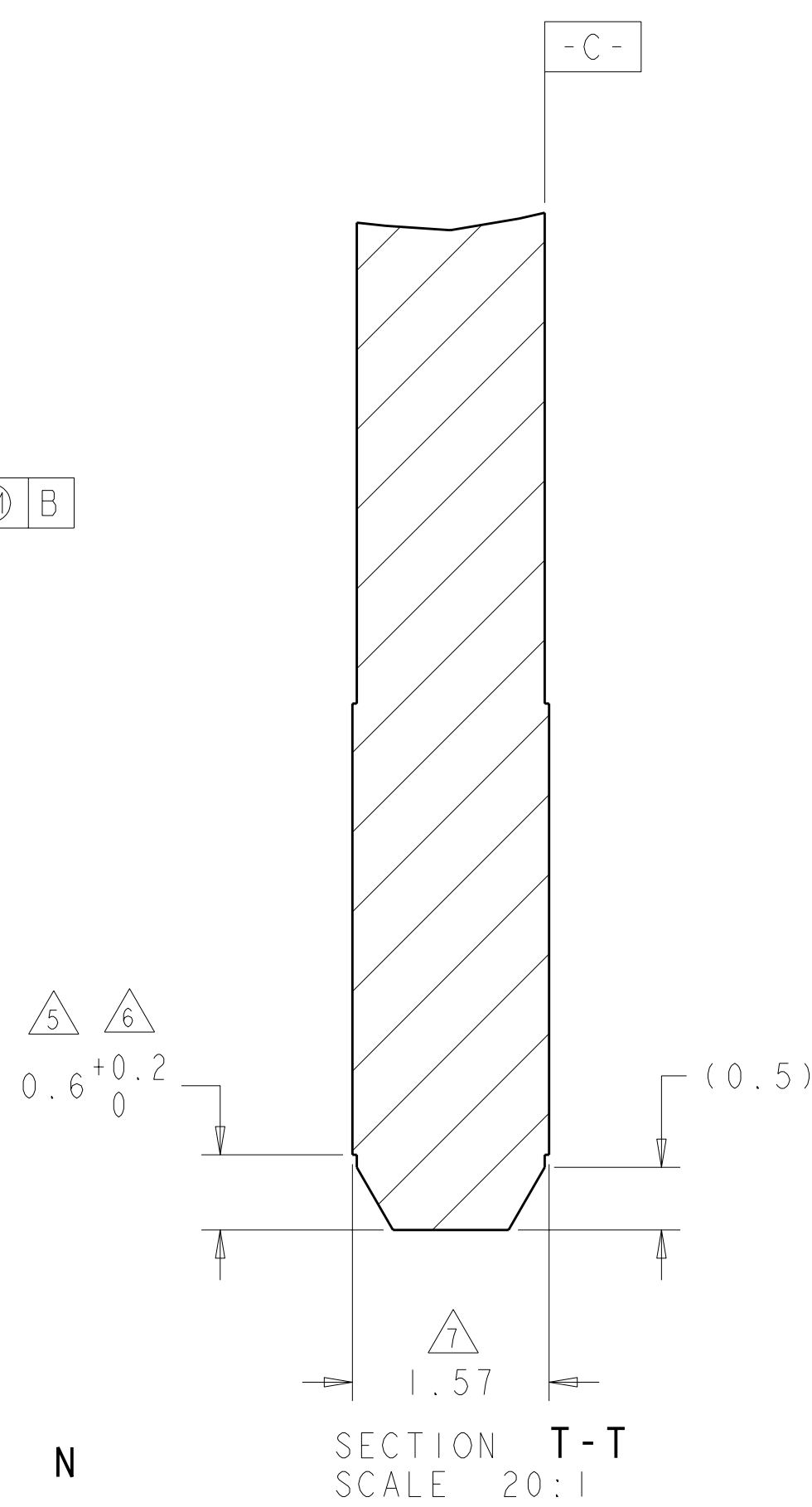
LOC		DIST		REVISONS			
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



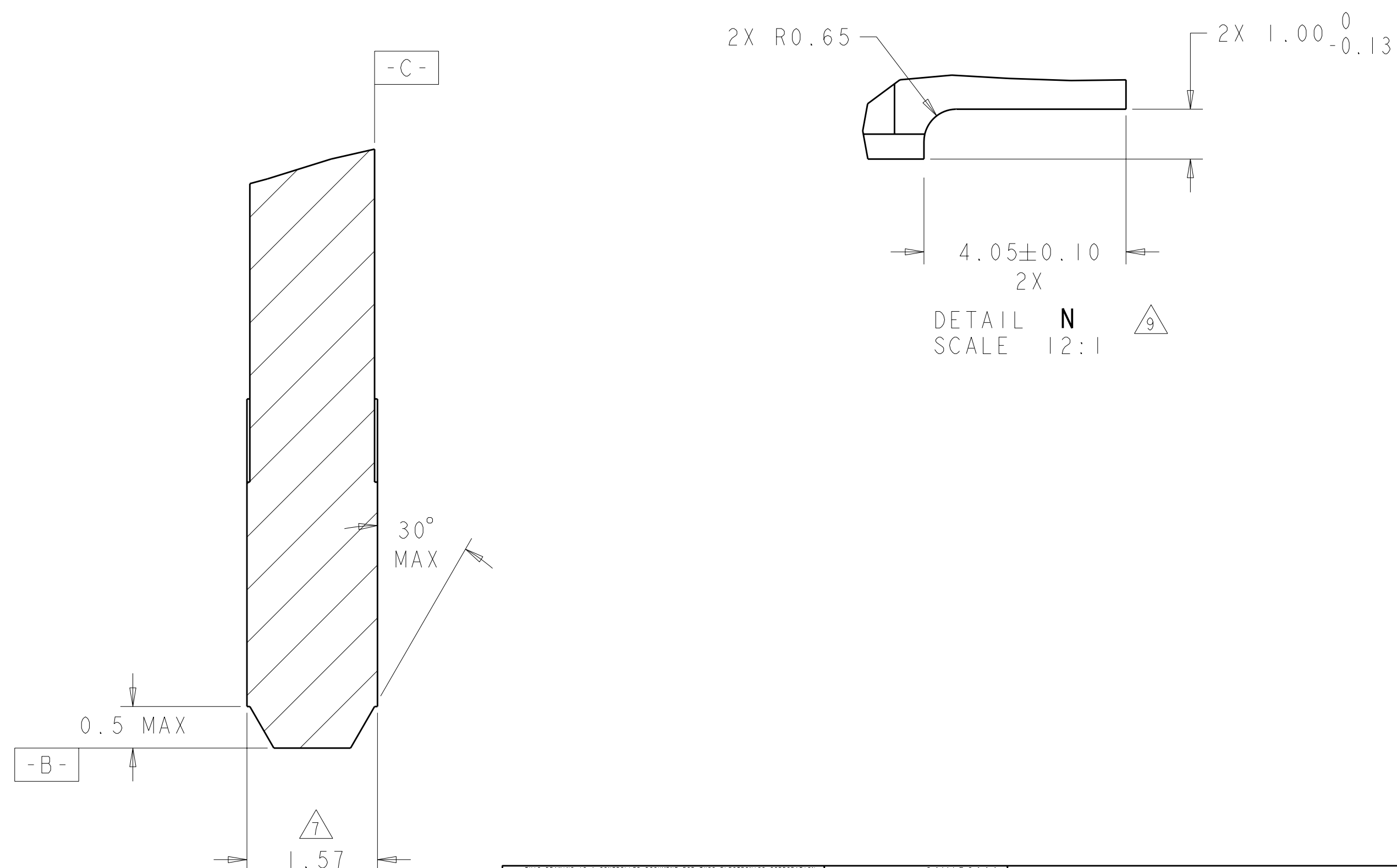
DETAIL Z
SCALE 12:1



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CHK R. LONDON 20MAR2009				APVD M. PERCHERET 20MAR2009		NAME SOCKET CONNECTOR ASSEMBLY W/ LATCH, SMT, 1P-18S-3P MINI CROWN EDGE	
PRODUCT SPEC				APPLICATION SPEC		SIZE CAGE CODE DRAWING NO	
WEIGHT				CUSTOMER DRAWING		A100779C=2085197	
SCALE 5:1				SHEET 2 OF 4		REV B	



SECTION T-T
SCALE 20:1



SECTION W - W
SCALE 20:1

DETAIL N
SCALE 1/2" = 1'

AMP 4805 REV 31MAR2000



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DIMENSIONS: mm		CHN R. LONDON 20MAR2009	
		APVD M. PERCHERRE 20MAR2009	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 4 PLC ANGLES ±.75		NAME SOCKET CONNECTOR ASSEMBLY W/ LATCH, SMT, IP-18S-3P MINI CROWN EDGE	
MATERIAL -		PRODUCT SPEC APPLICATION SPEC	
FINISH -		SIZE CASE CODE DRAWING NO. RESTRICTED TO A 00779 ©=2085197 -	
WEIGHT -		CUSTOMER DRAWING SCALE 5:1 SHEET 4 OF REV B	

Mouser Electronics

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