



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

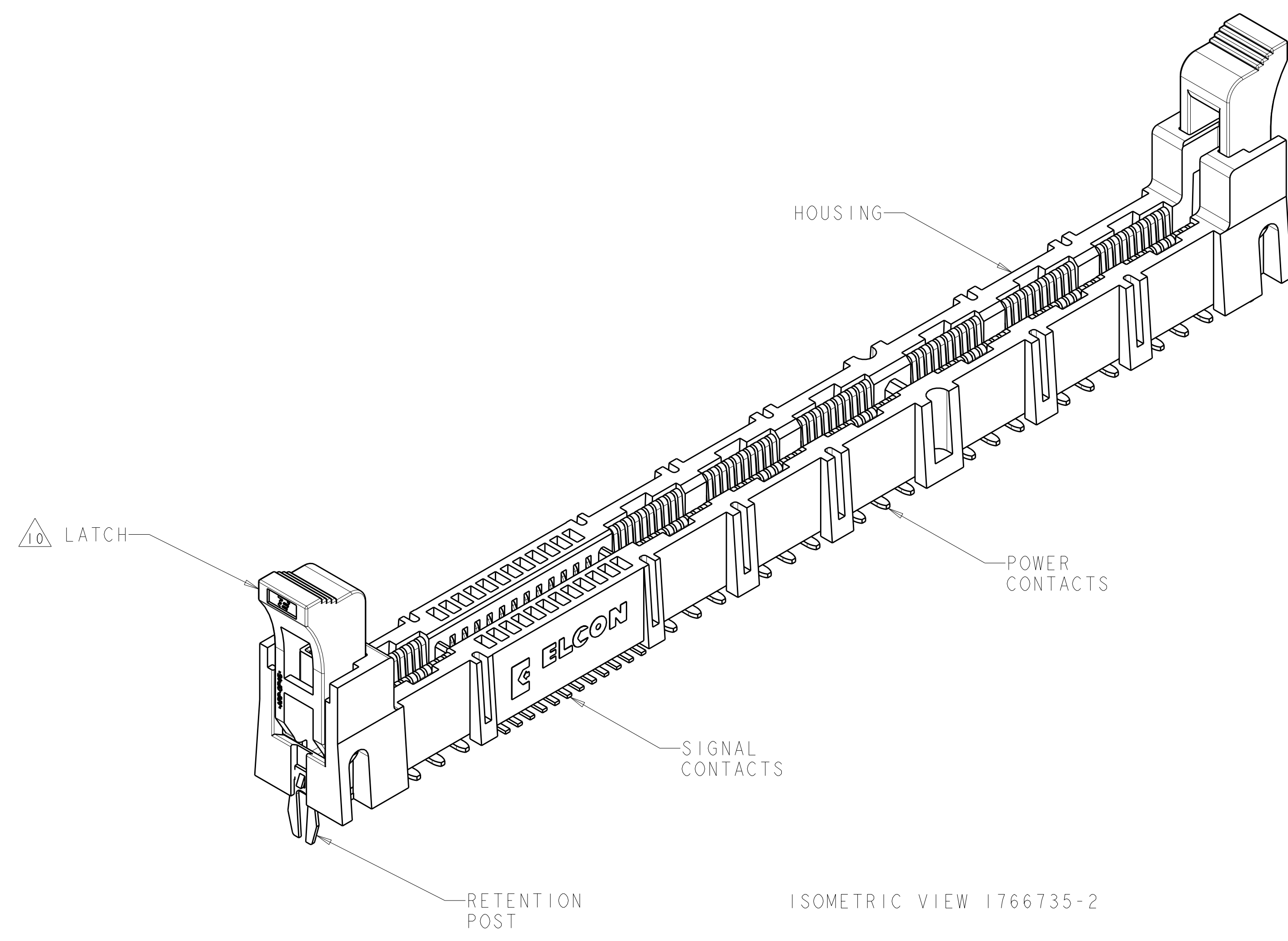
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LOC	DIST	REVISIONS			
GP	00	REV	DATE	DWN	APVD
		F	REV PER ECO-08-008035	08APR2008	RG PD
		G	REV PER ECO-08-016287	02OCT2008	RG PD

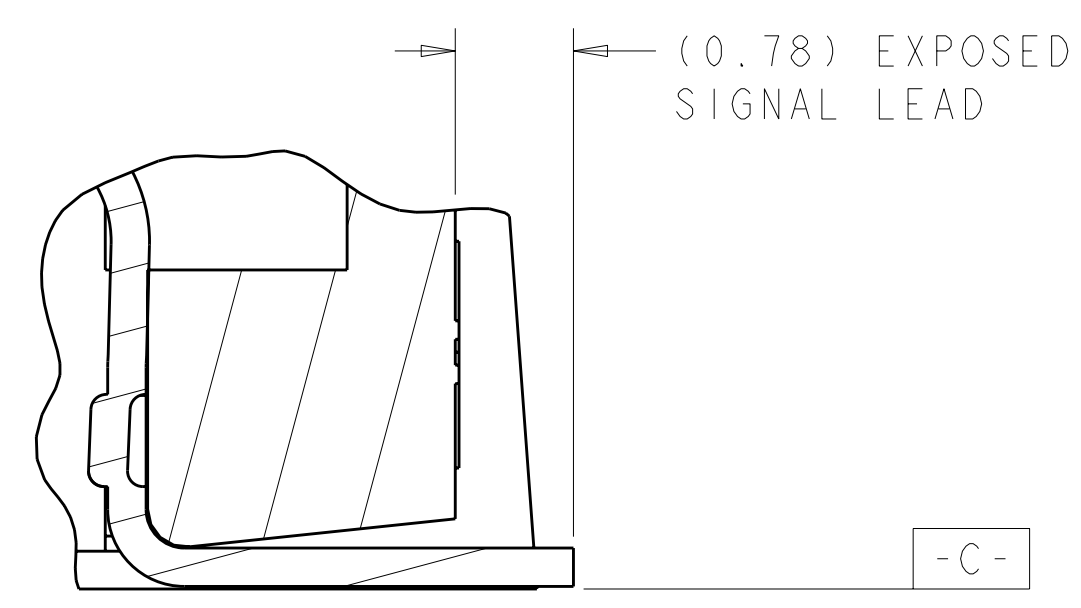
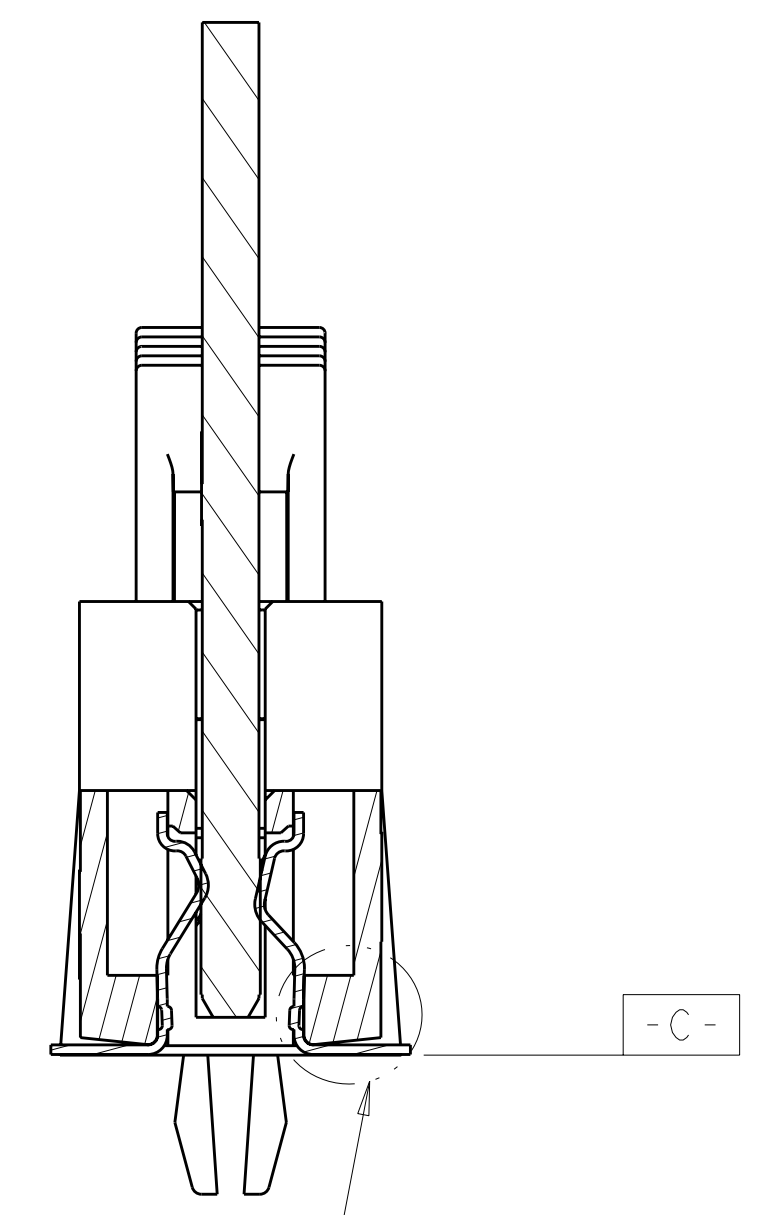
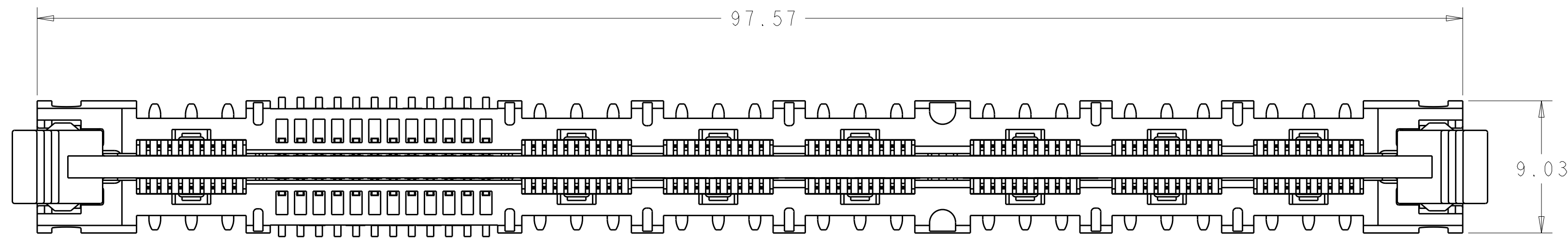


ISOMETRIC VIEW 1766735-2

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 FILLED, 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.
14. THIS PRODUCT HAS NOT PASSED QUALIFICATION TESTING.

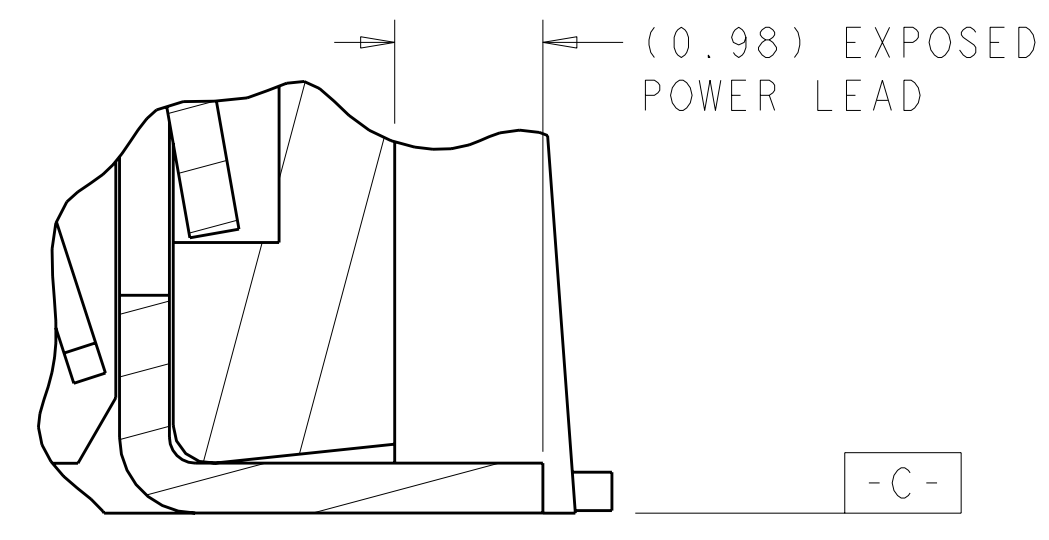
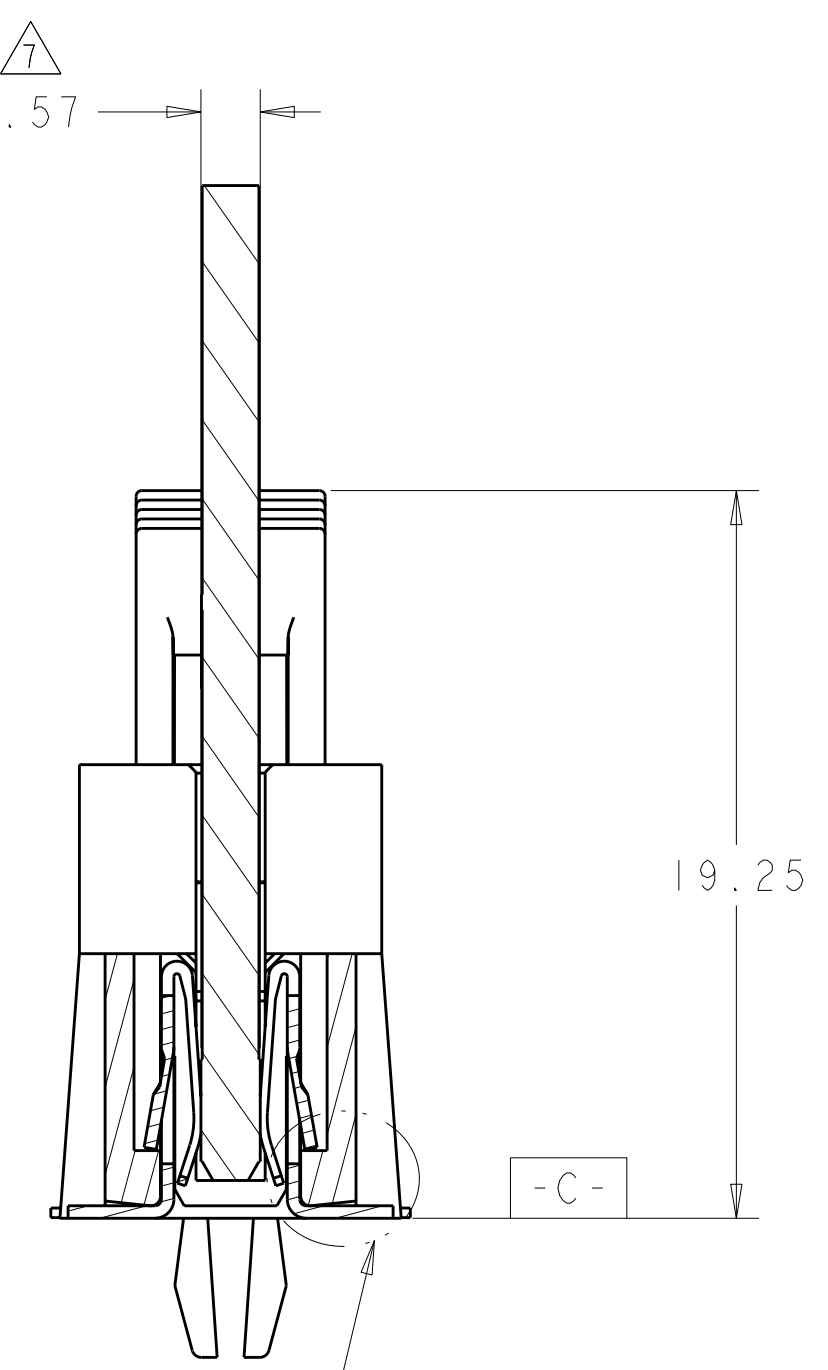
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 5 PLC ±0.25 4 PLC ±. ANGLES ±°		DWN W. VAN SCOOC 06JUN2006 CHK N. REESER 06JUN2006 APVD N. REESER 06JUN2006		Tyco Electronics Harrisburg, PA 17105-3608	
MATERIAL 		FINISH 		NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P12 MINI CROWN EDGE		SIZE CAGE CODE DRAWING NO A100779C=1766735	
CUSTOMER DRAWING				SCALE 4:1 SHEET 1 OF 4 REV G		RESTRICTED TO	

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



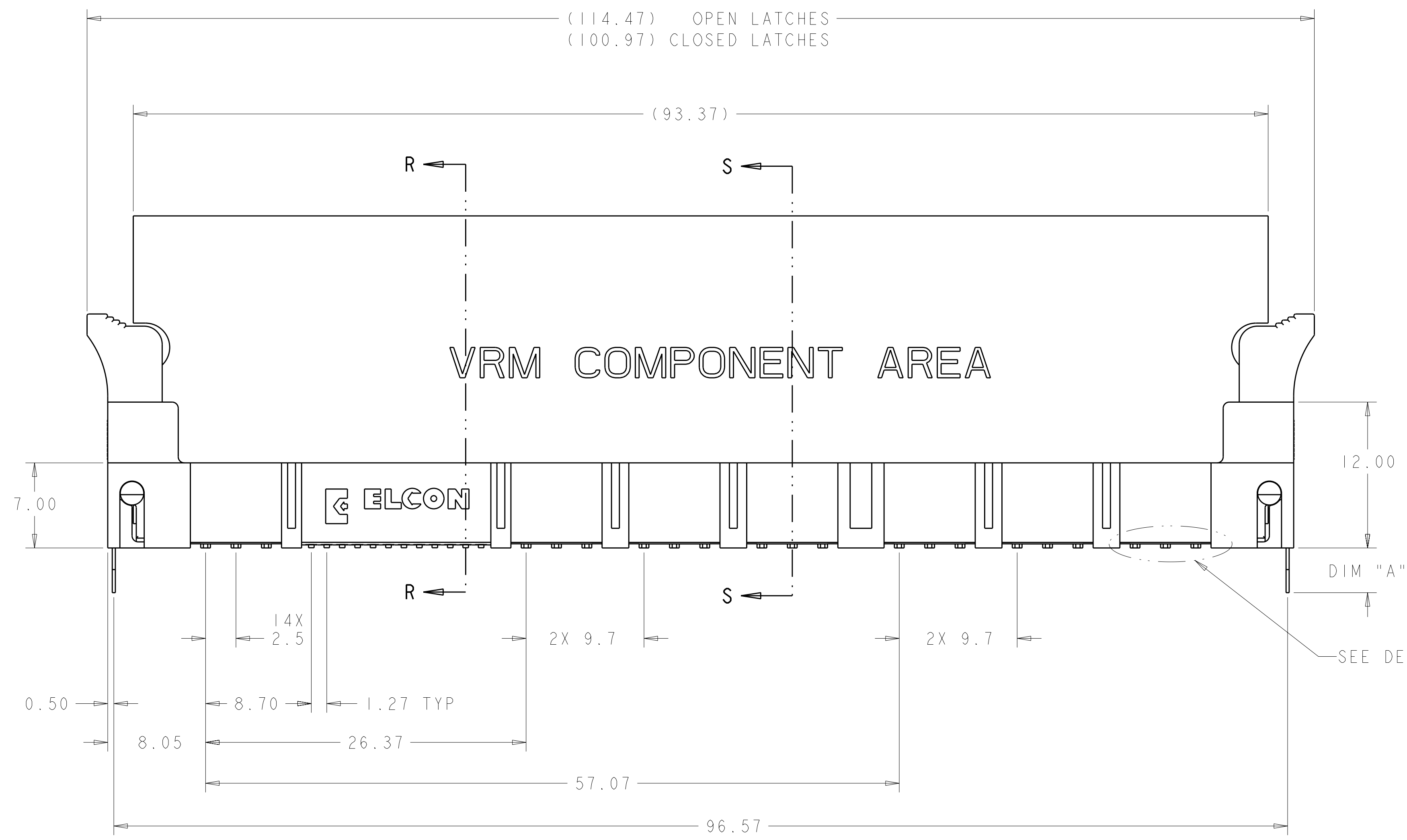
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SCALE 5:1

DETAIL H  
SCALE 20:1



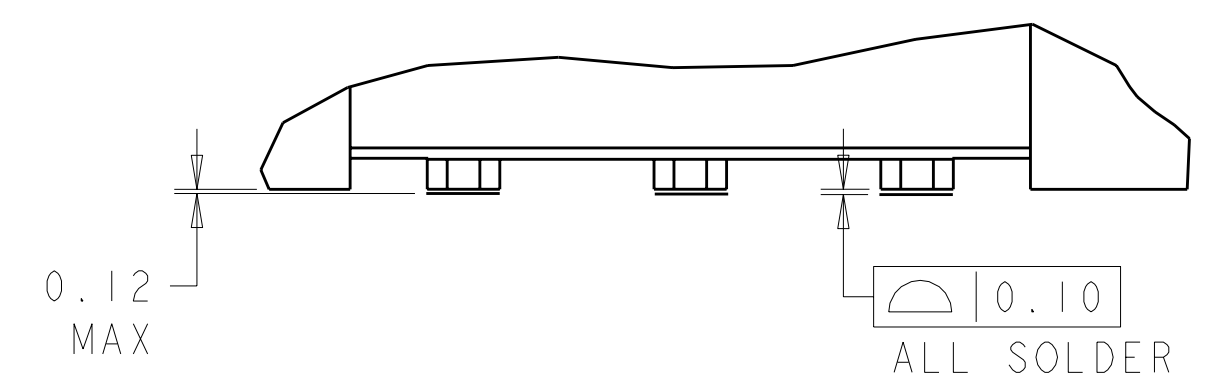
SECTION S-S  
SCALE 5:1

DETAIL G  
SCALE 20:1



VRM COMPONENT AREA

ELCON



DETAIL Z  
SCALE 12:1

ALL SOLDER TINES

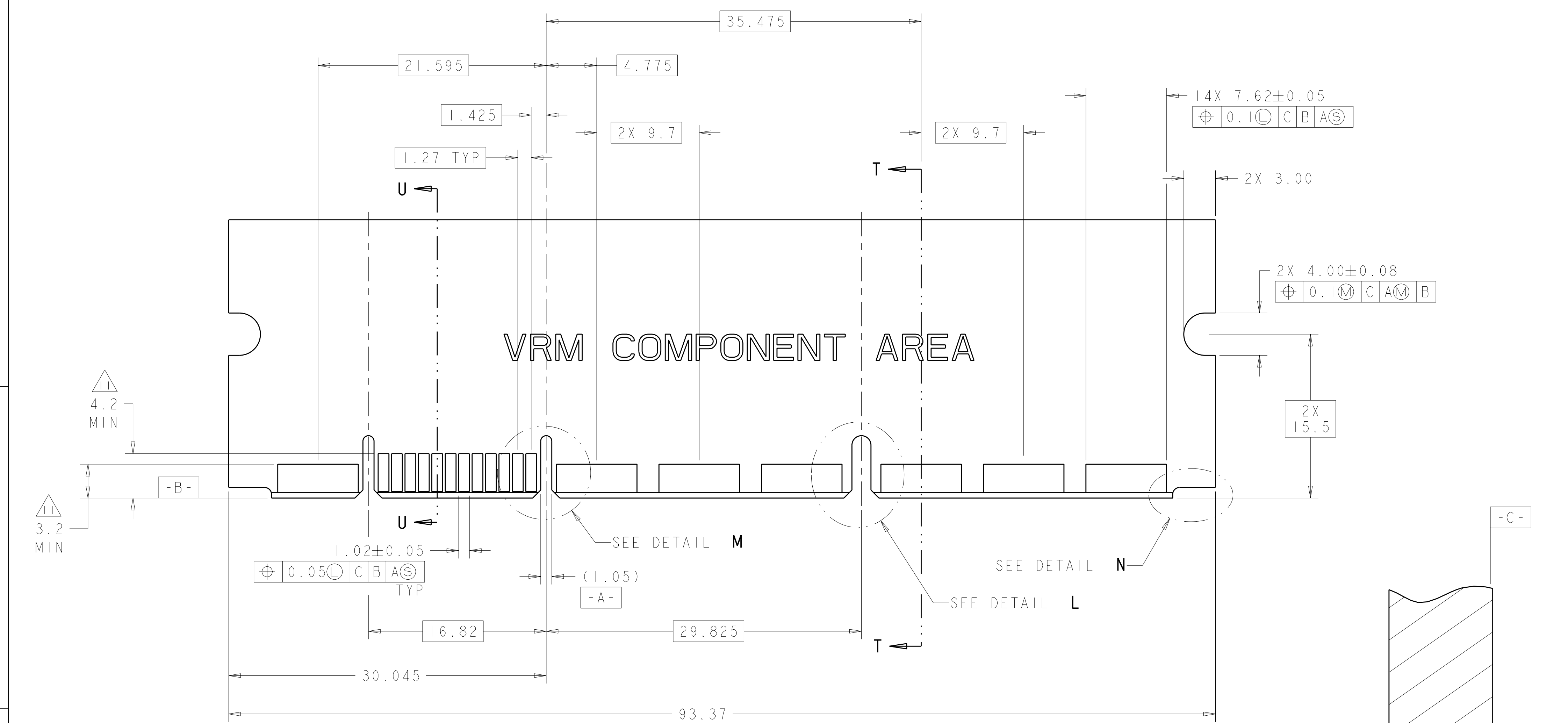
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4.19	1766735-3
3.68	1766735-2
DIM "A"	PART NO

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: W. VAN SCOOC 06JUN2006 CHK: N. REESER 06JUN2006 APVD: N. REESER 06JUN2006		Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm 9 PLC ±0.5 1 PLC ±0.5 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±2°		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P12 MINI CROWN EDGE	
MATERIAL: FINISH:		WEIGHT:		SIZE: CAGE CODE: DRAWING NO: A100779C=1766735 RESTRICTED TO:	
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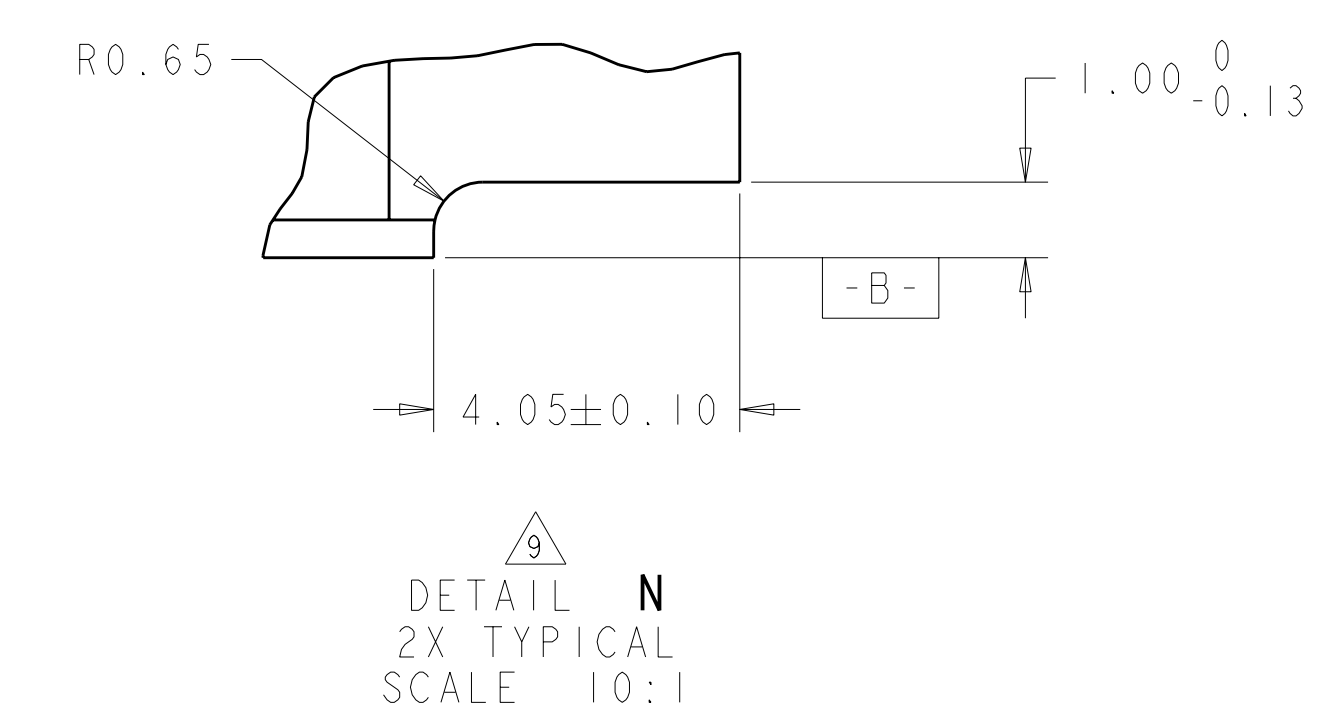
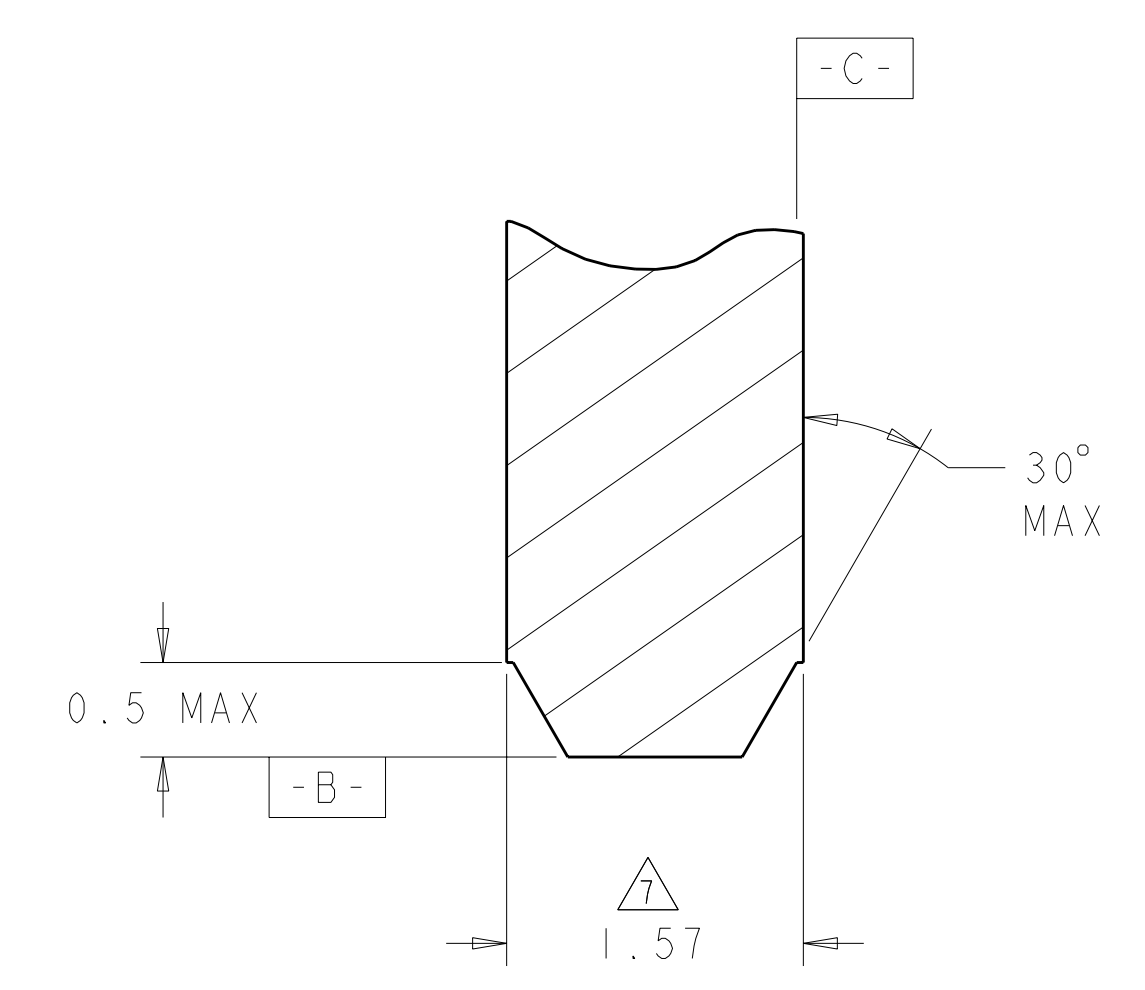
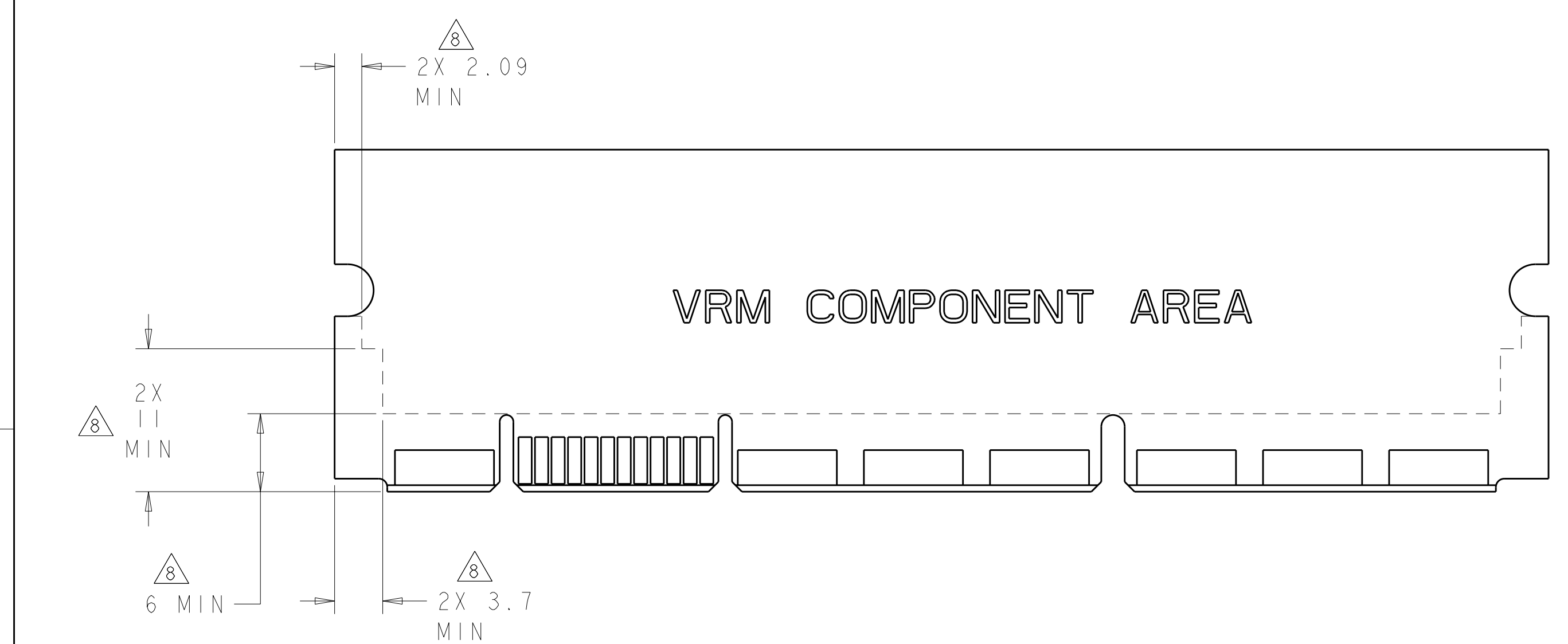
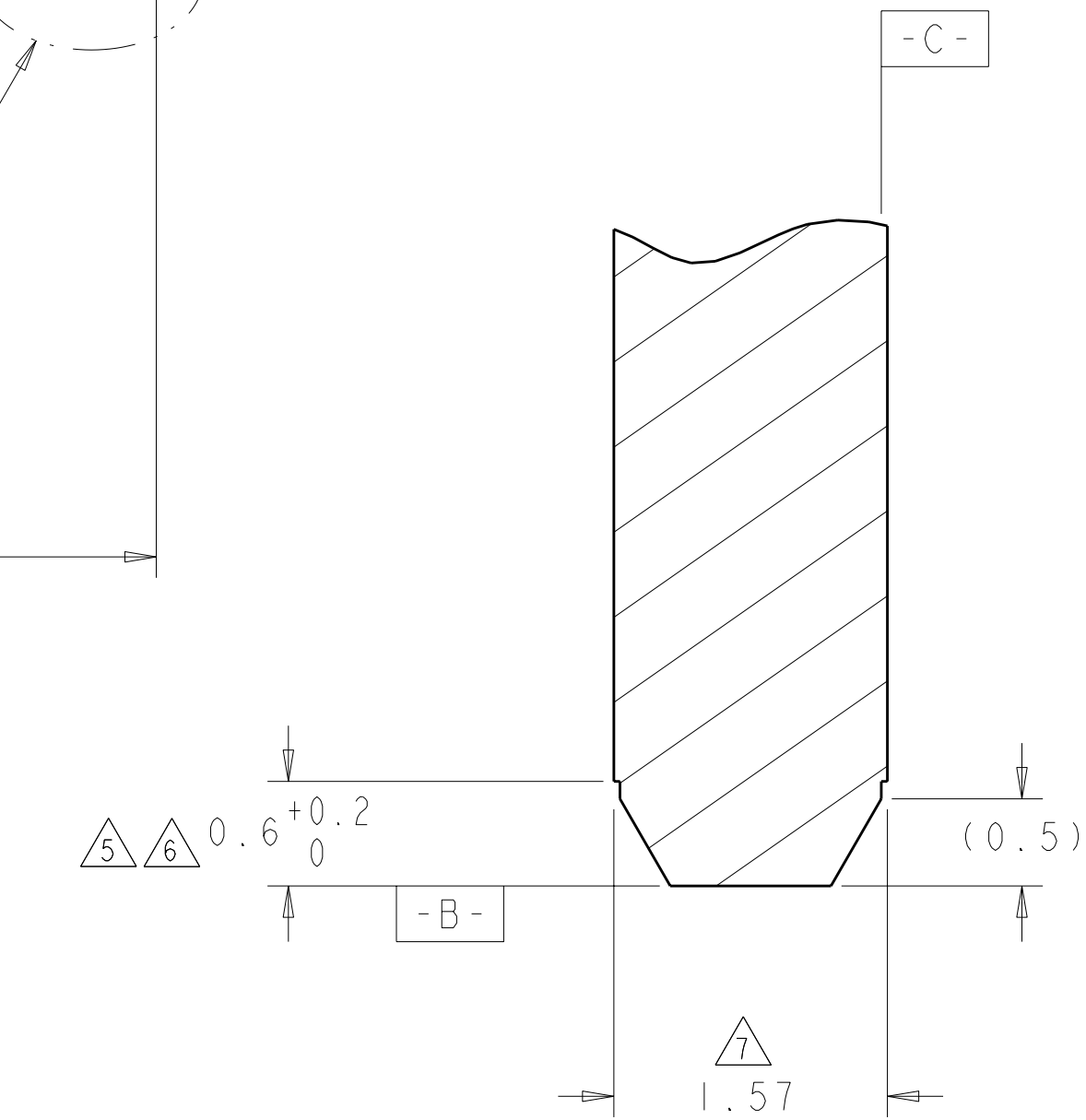
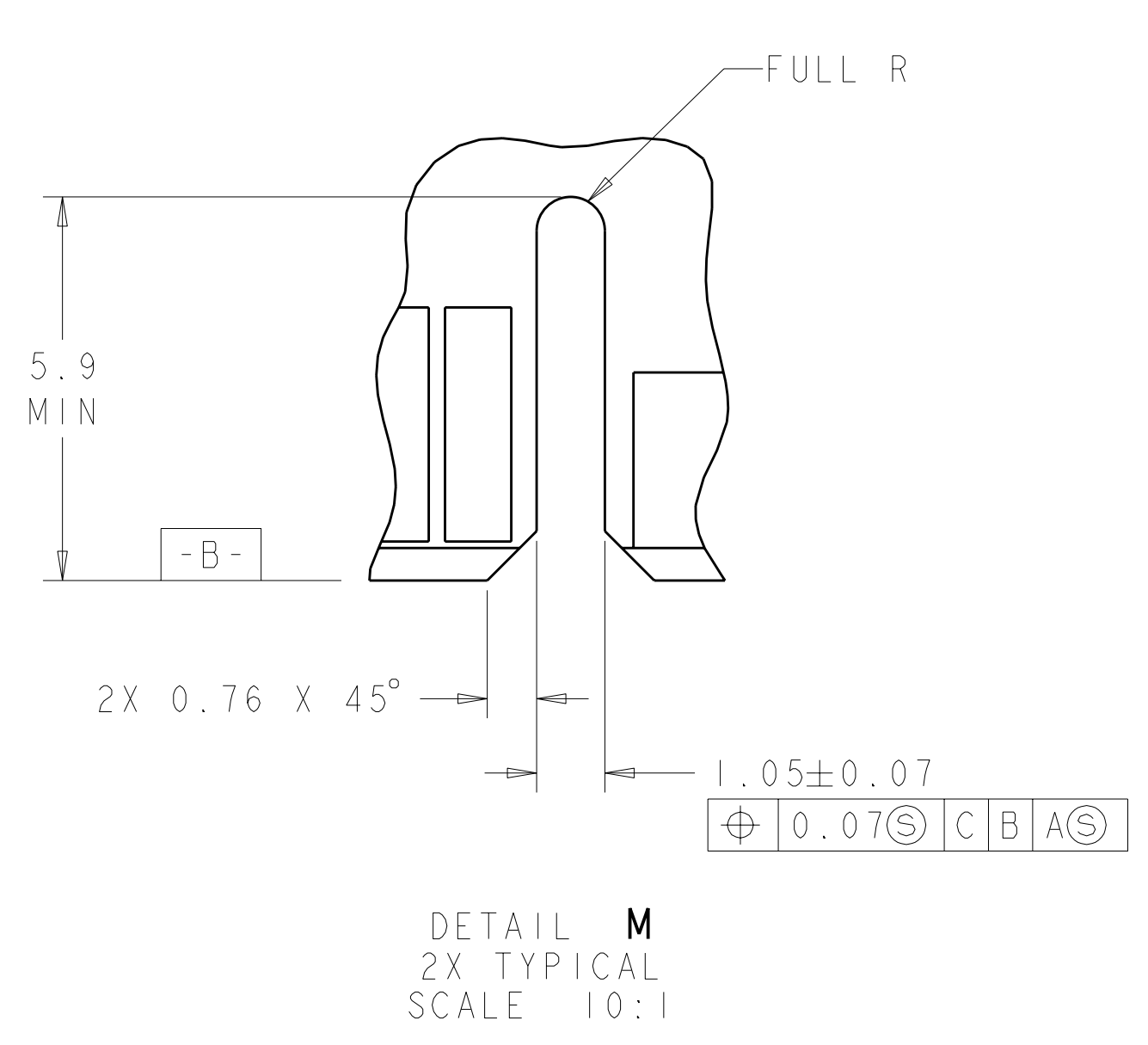
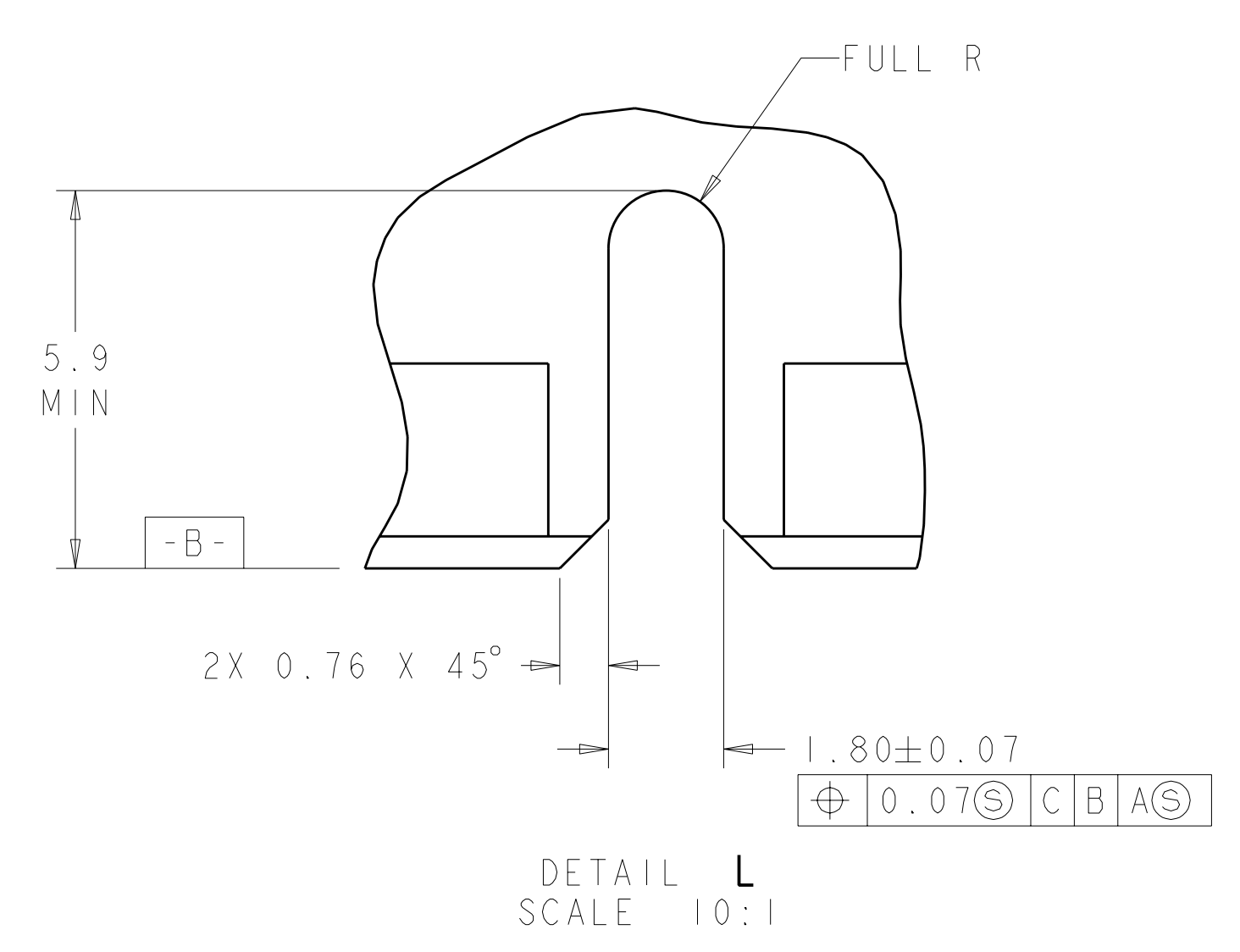


LOC	DIST	REV	DATE	BY	APPD
GP	00				

REVISIONS		DATE	BY	APPD
1	SEE SHEET 1			

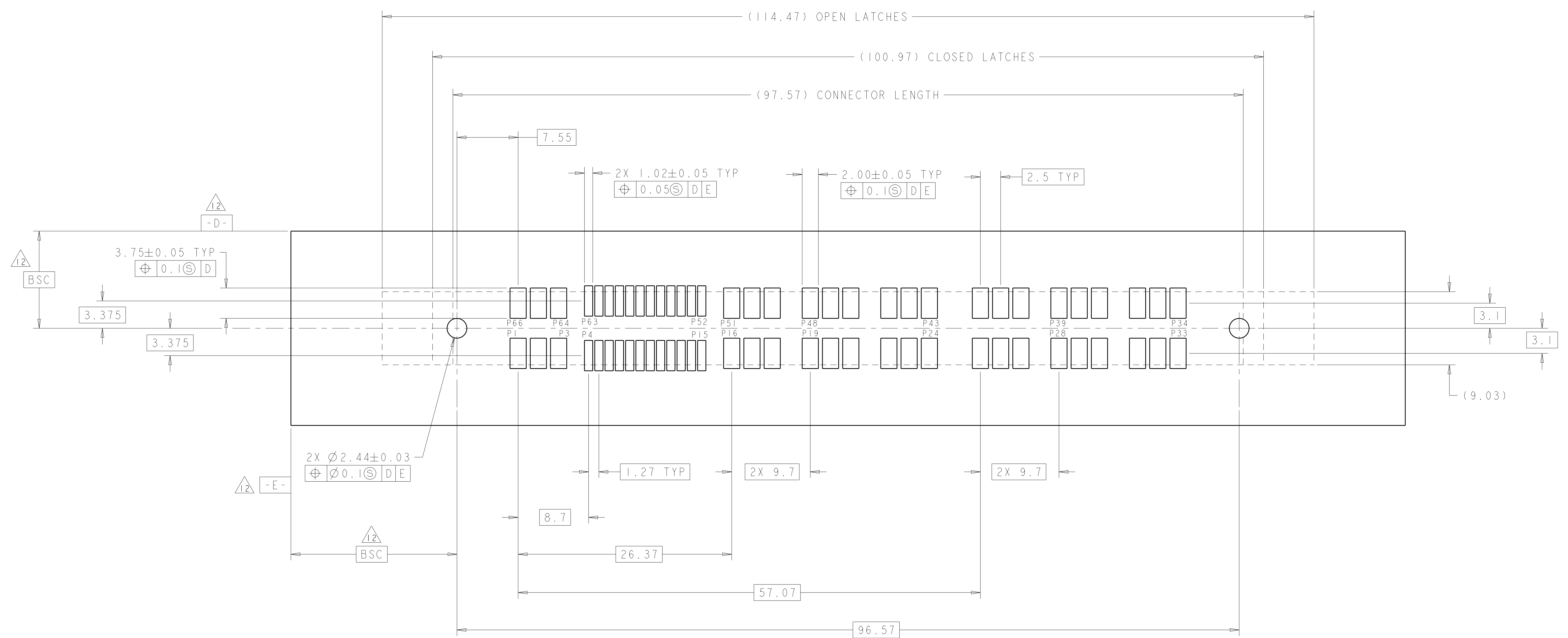


RECOMMENDED MATING BOARD



DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN: W. VAN SCOOC 06JUN2006		Tyco Electronics Harrisburg, PA 17105-3608	
mm	9 PLC ±0.5	1 PLC ±0.5	2 PLC ±0.25	3 PLC ±0.25	4 PLC ±0.25	5 PLC ±0.25	6 PLC ±0.25
	ANGLES ±0°			CHK: N. REESER 06JUN2006		NAME: SOCKET CONNECTOR WITH LATCH, SMT	
				APVD: N. REESER 06JUN2006		PRODUCT SPEC: P2-S24-P12 MINI CROWN EDGE	
MATERIAL:	FINISH:	WEIGHT:		SIZE: A1100779	CAGE CODE: C-1766735	DRAWING NO:	RESTRICTED TO:
				CUSTOMER DRAWING		SCALE: 4:1	SHEET: 3 OF 4

LOC	DIST	REVISIONS			
P	LTB	DESCRIPTION	DATE	DWN	APVD
GP	00	SEE SHEET 1	-	-	-



RECOMMENDED SOLDER LAND GUIDELINE  
 AS VIEWED FROM CONNECTOR SIDE

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DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.5 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±2°	NAME: SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P12 MINI CROWN EDGE PRODUCT SPEC: APPLICATION SPEC: WEIGHT: CUSTOMER DRAWING	SIZE: A CAGE CODE: 100779 DRAWING NO: C=1766735 RESTRICTED TO: SCALE: 4:1 SHEET: 4 OF 4 REV: G