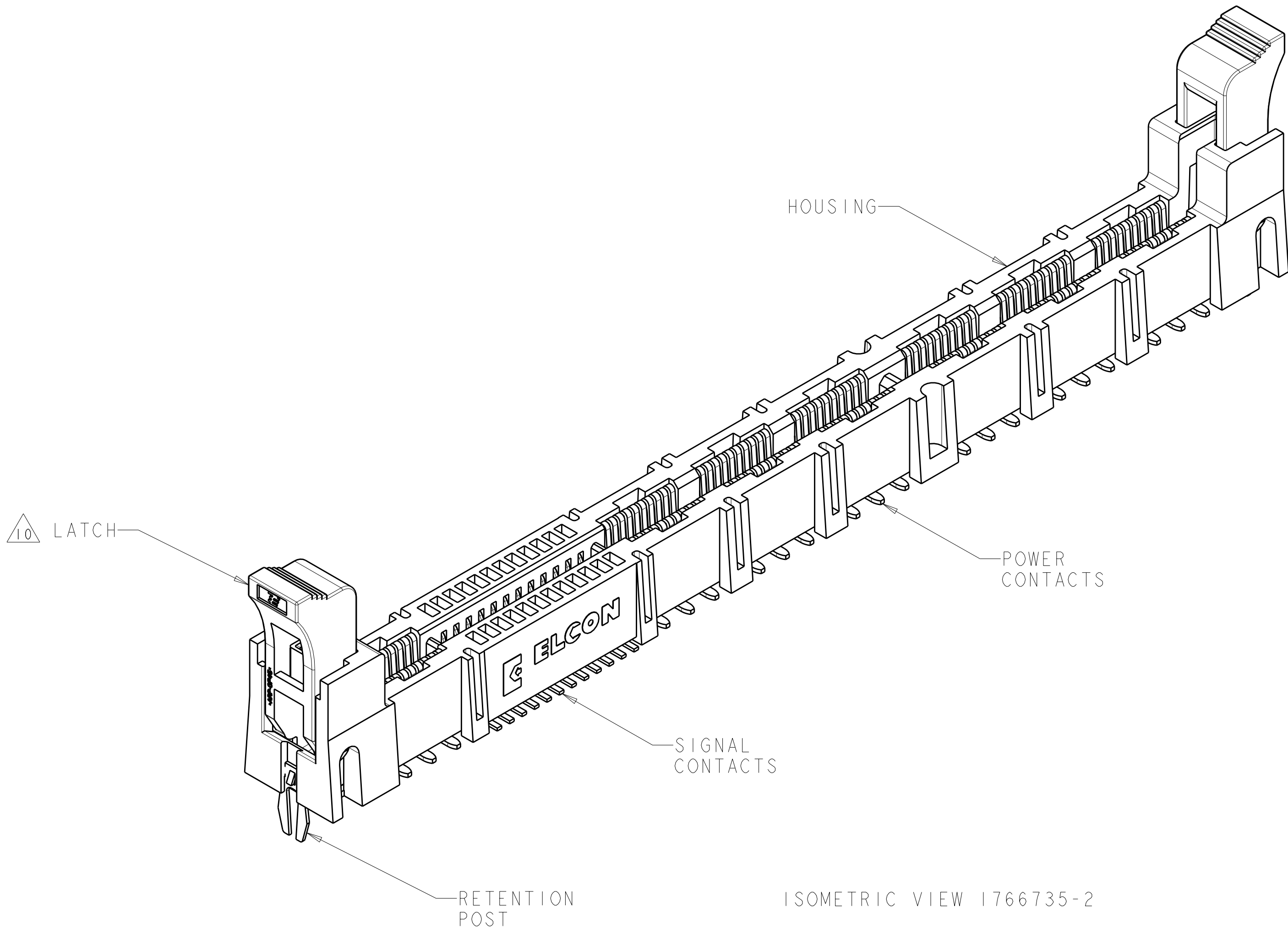


LOC		DIST		REVISIONS					
GP	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
		F	REV PER ECO-08-008035	08APR2008			RG	PD	
		G	REV PER ECO-08-016287	02OCT2008			RG	PD	



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
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.

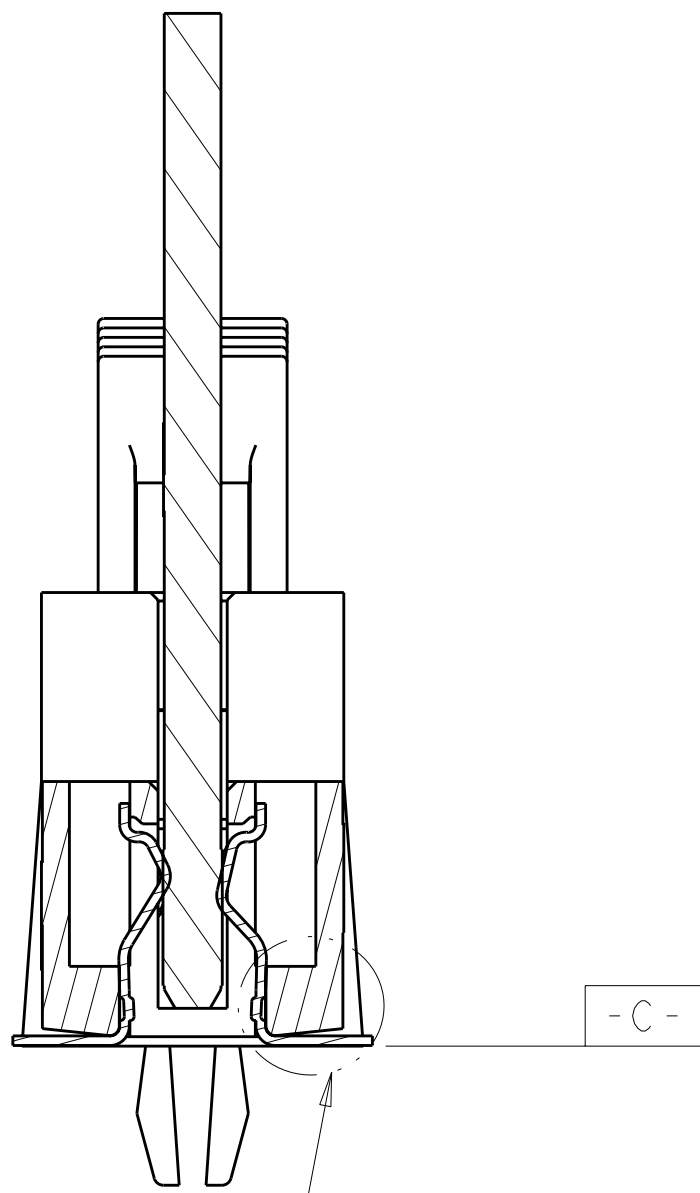
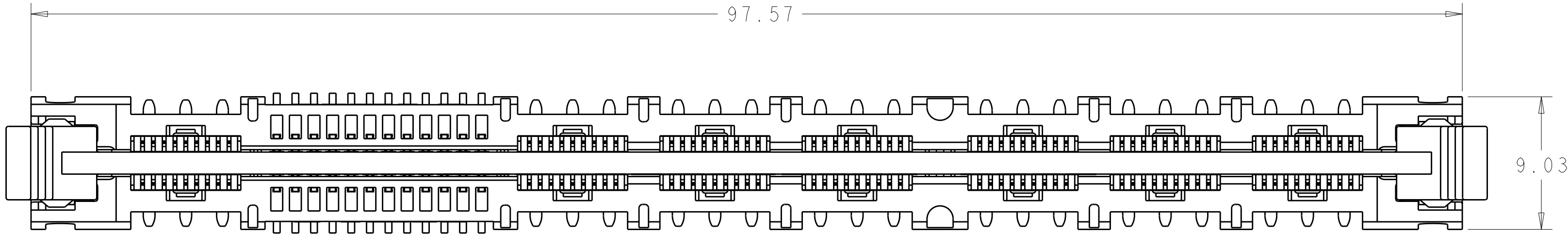
13. FOR DESIGN OBJECTIVES SEE 108-2301.

14. THIS PRODUCT HAS NOT PASSED QUALIFICATION TESTING.

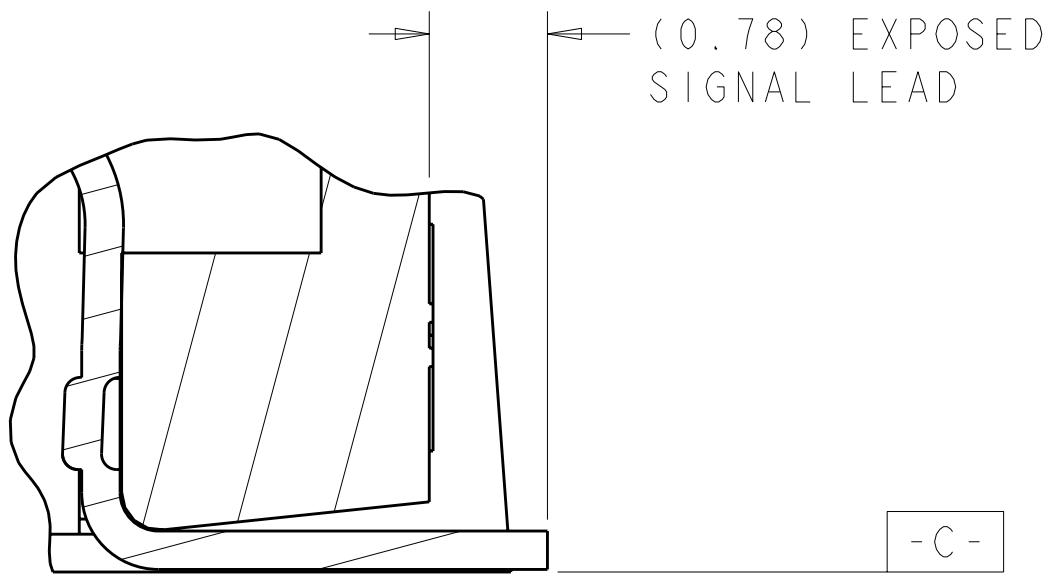
THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION IF IT IS NOT USED FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS TO BE DESTROYED IF IT IS NOT USED FOR THE PURPOSES SPECIFIED IN THE ORDER.				DWN	06JUN2006	Tyco Electronics Harrisburg, PA 17105-3608					
DIMENSIONS:				CHK	06JUN2006	NAME					
mm				APVD	06JUN2006	PRODUCT SPEC - APPLICATION SPEC - WEIGHT - CUSTOMER DRAWING					
TOLERANCES UNLESS OTHERWISE SPECIFIED:											
9 PLC ±.5											
1 PLC ±0.5											
3 PLC ±0.25											
5 PLC ±.5											
4 PLC ±.5											
ANGLES ±2°											
FINISH											

		SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P12 MINI CROWN EDGE		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
MATERIAL		P2		A		100779		C1766735		-	
				CUSTOMER DRAWING		SCALE		4:1		SHEET 1 OF 4 REV G	

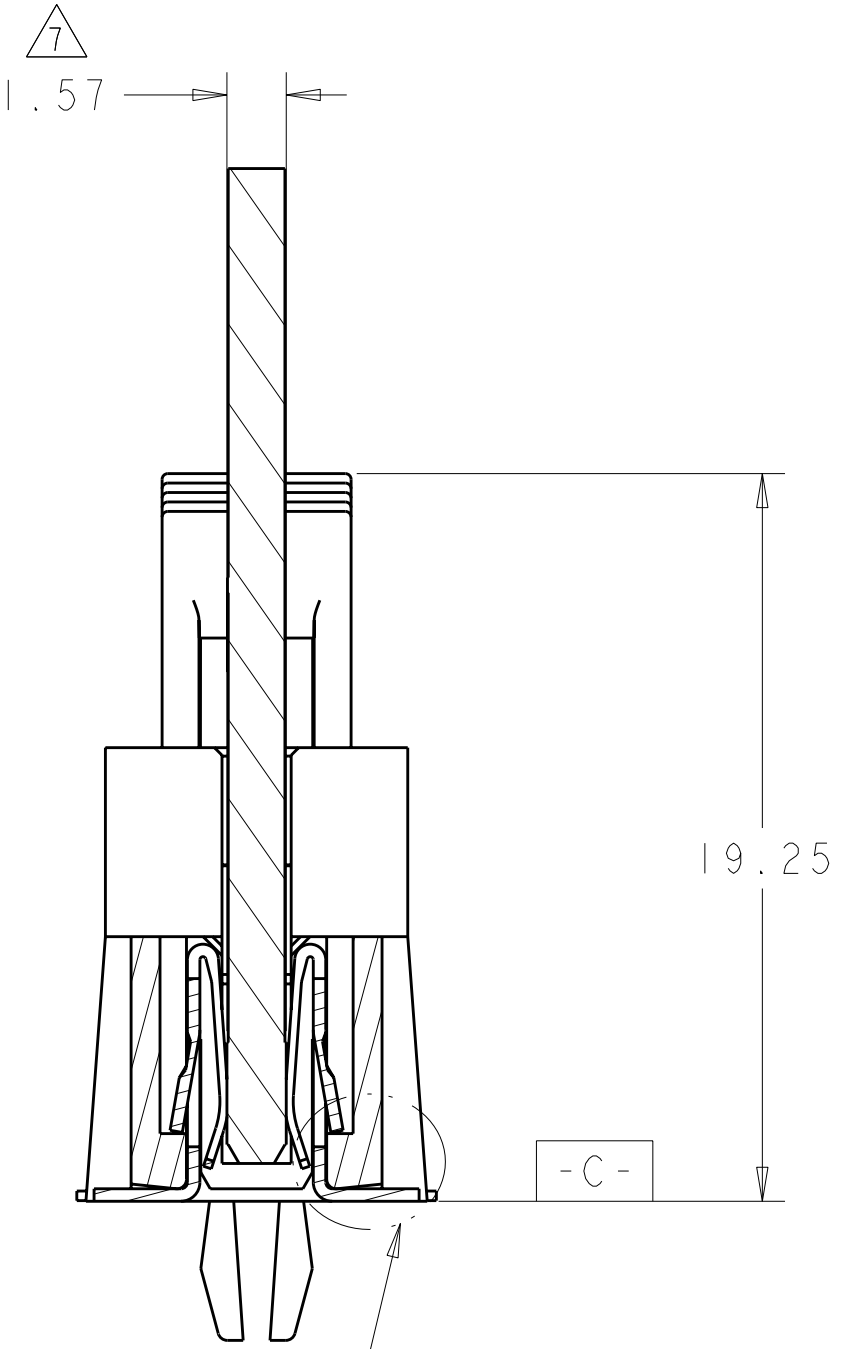
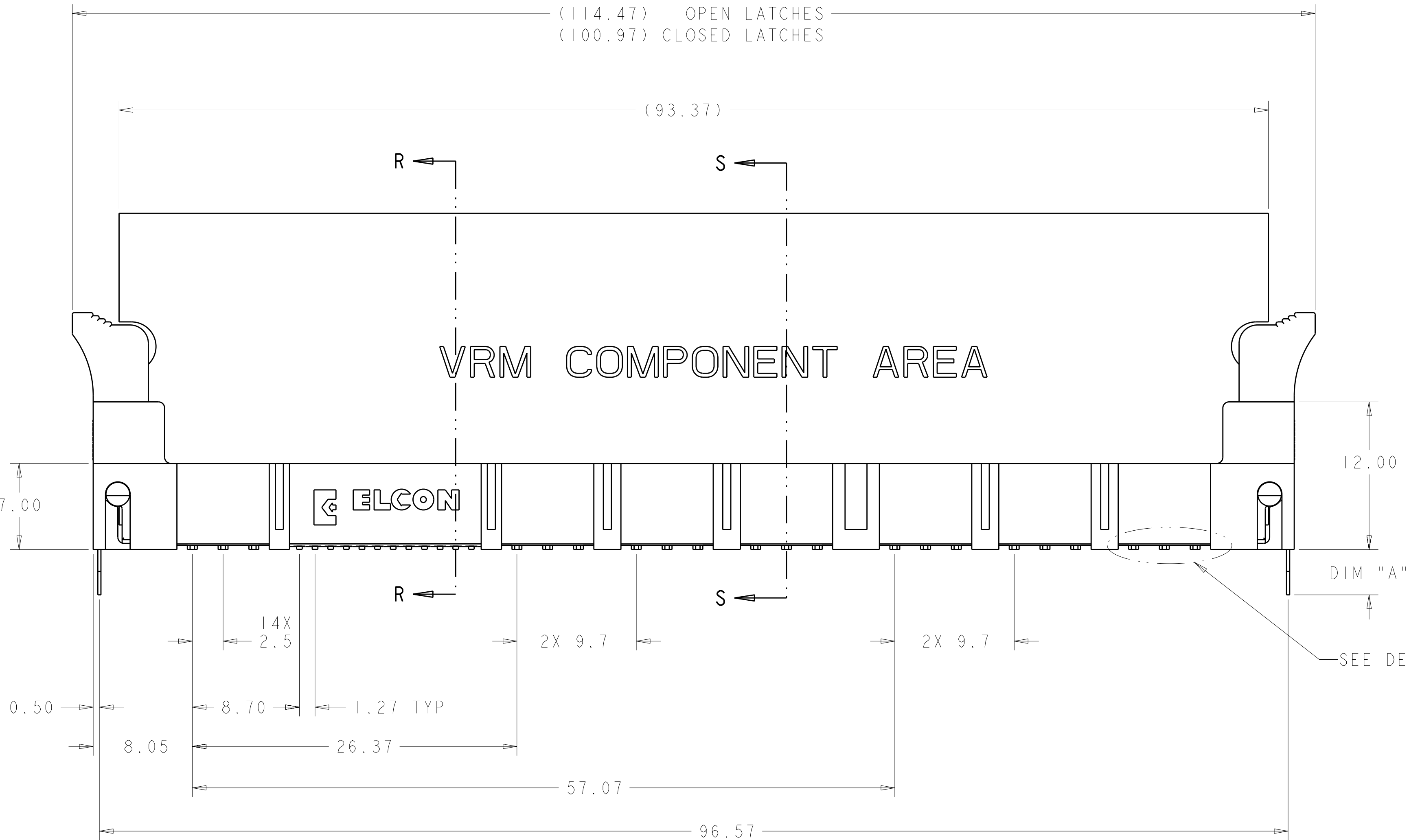
LOC	DIST	REVISIONS				
		P	LYR	DESCRIPTION	DATE	DWN
GP	00	-	-	SEE SHEET 1	-	-



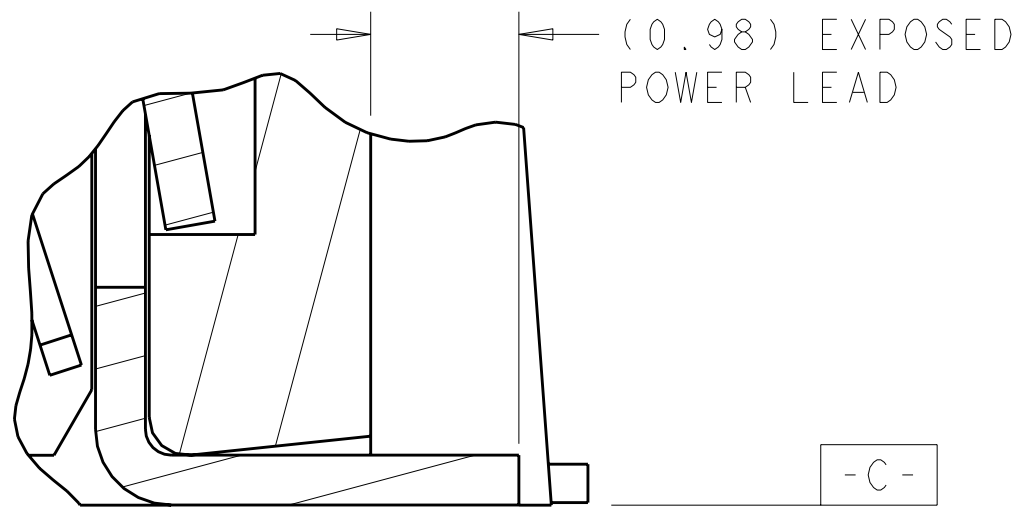
SECTION R-R
SCALE 5:1



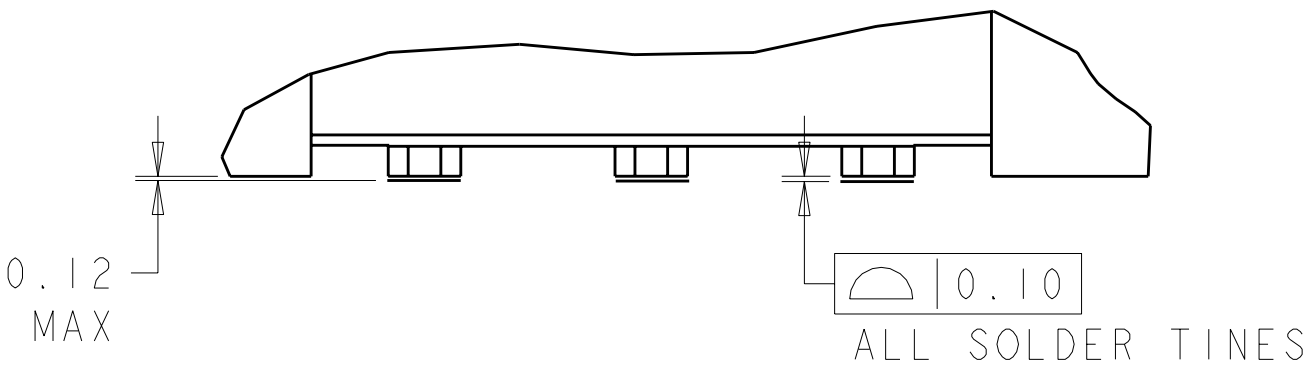
DETAIL H
SCALE 20:1



SECTION S-S
SCALE 5:1



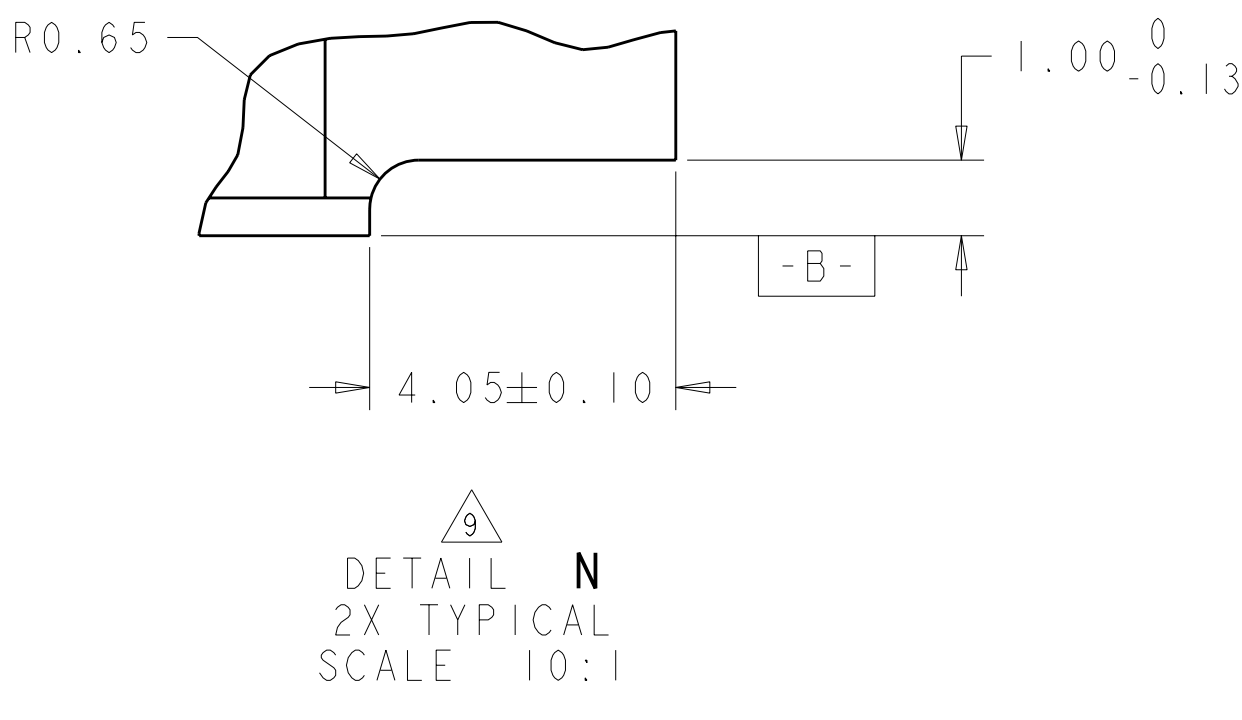
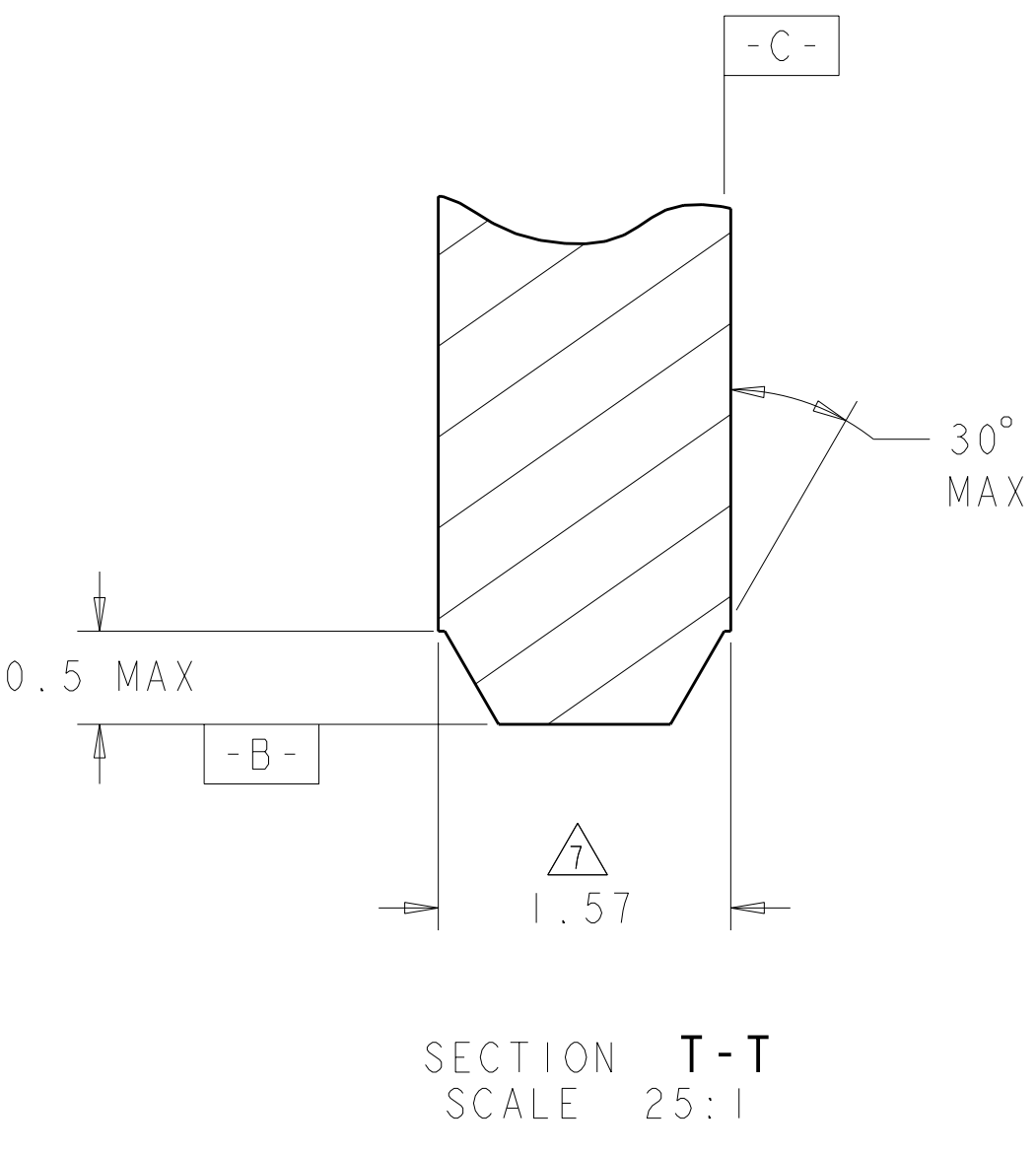
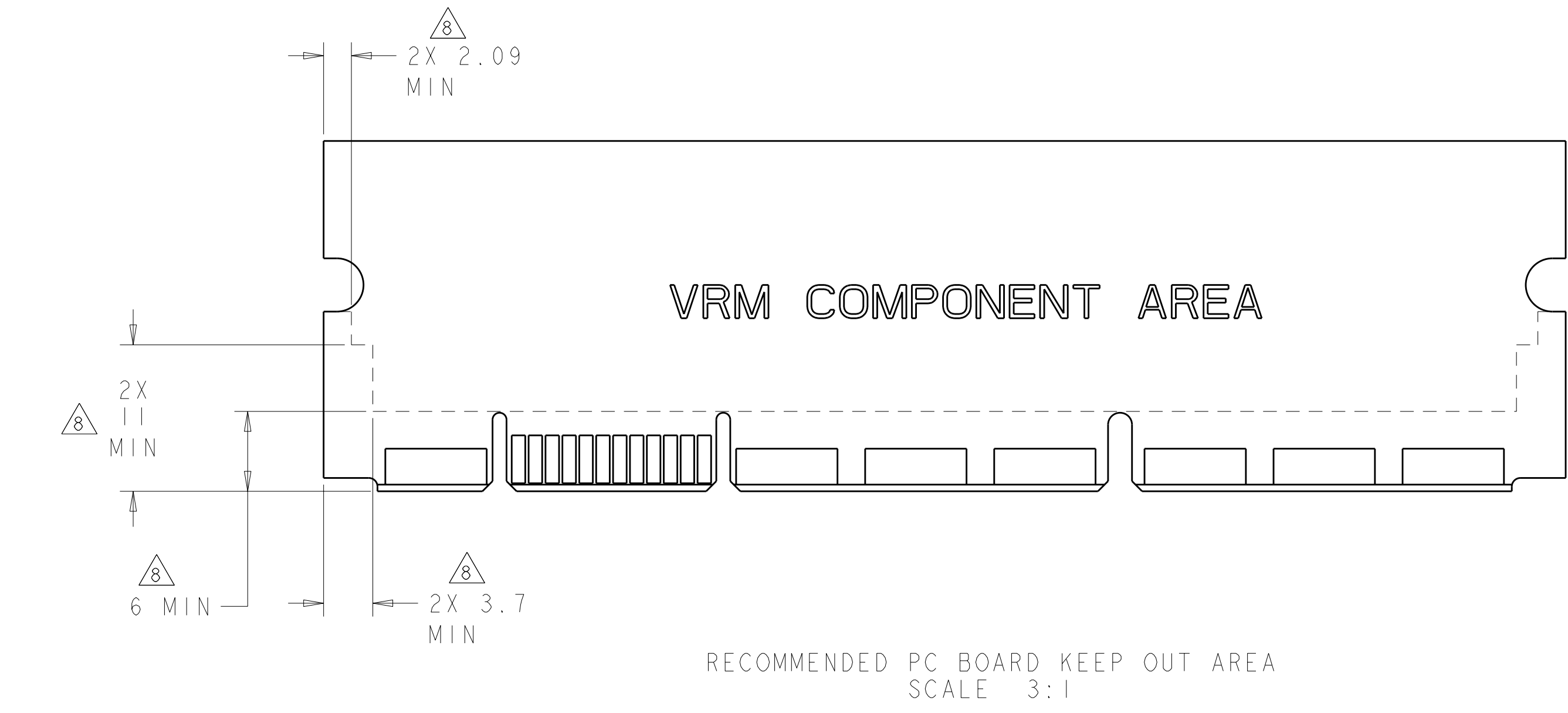
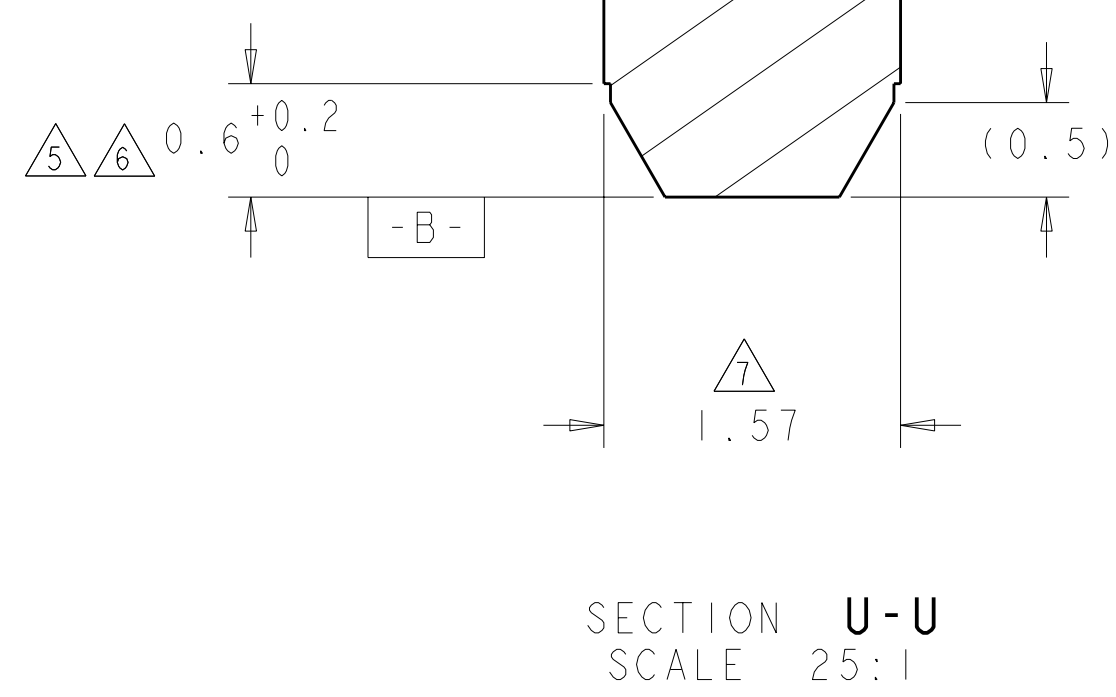
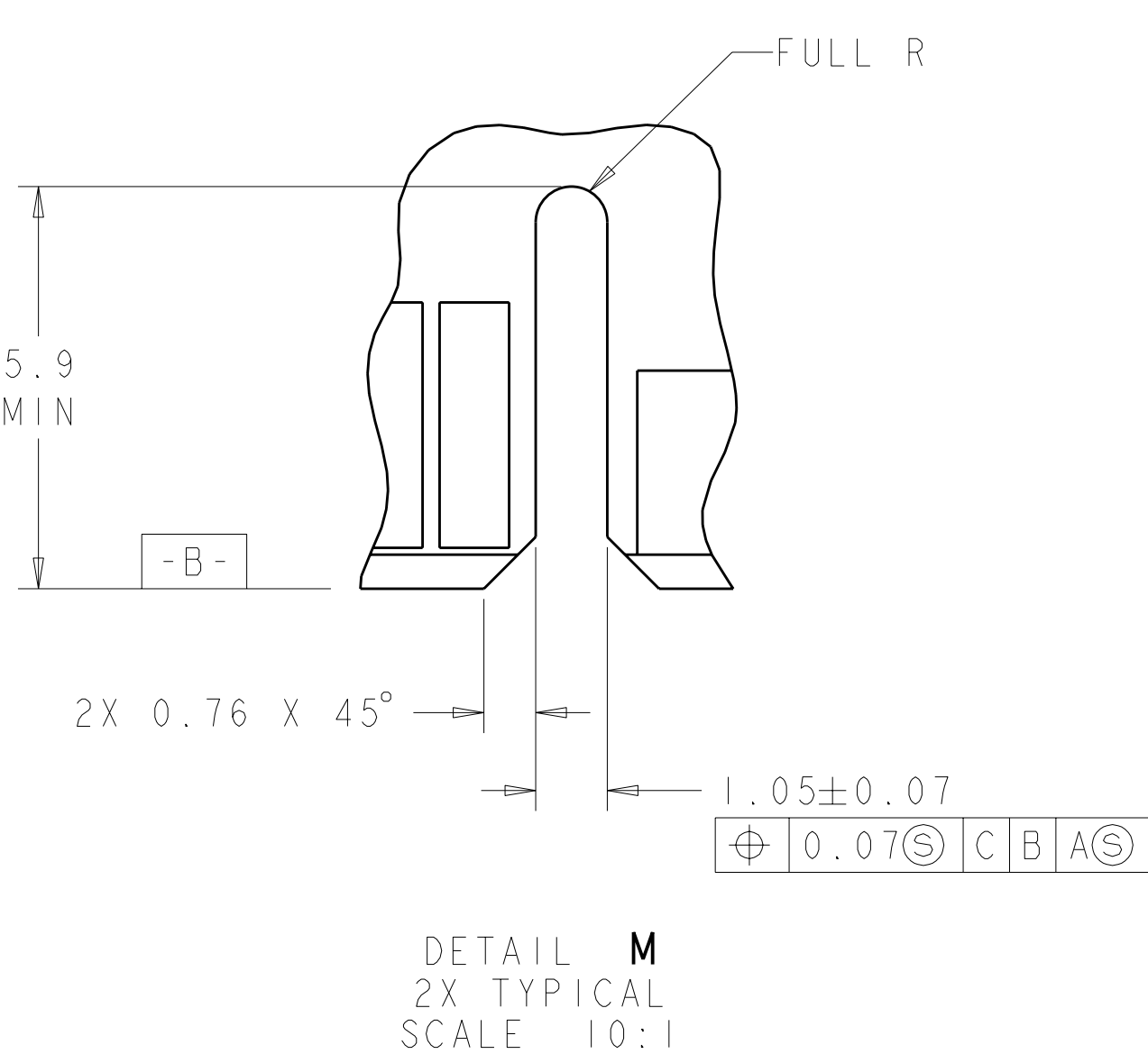
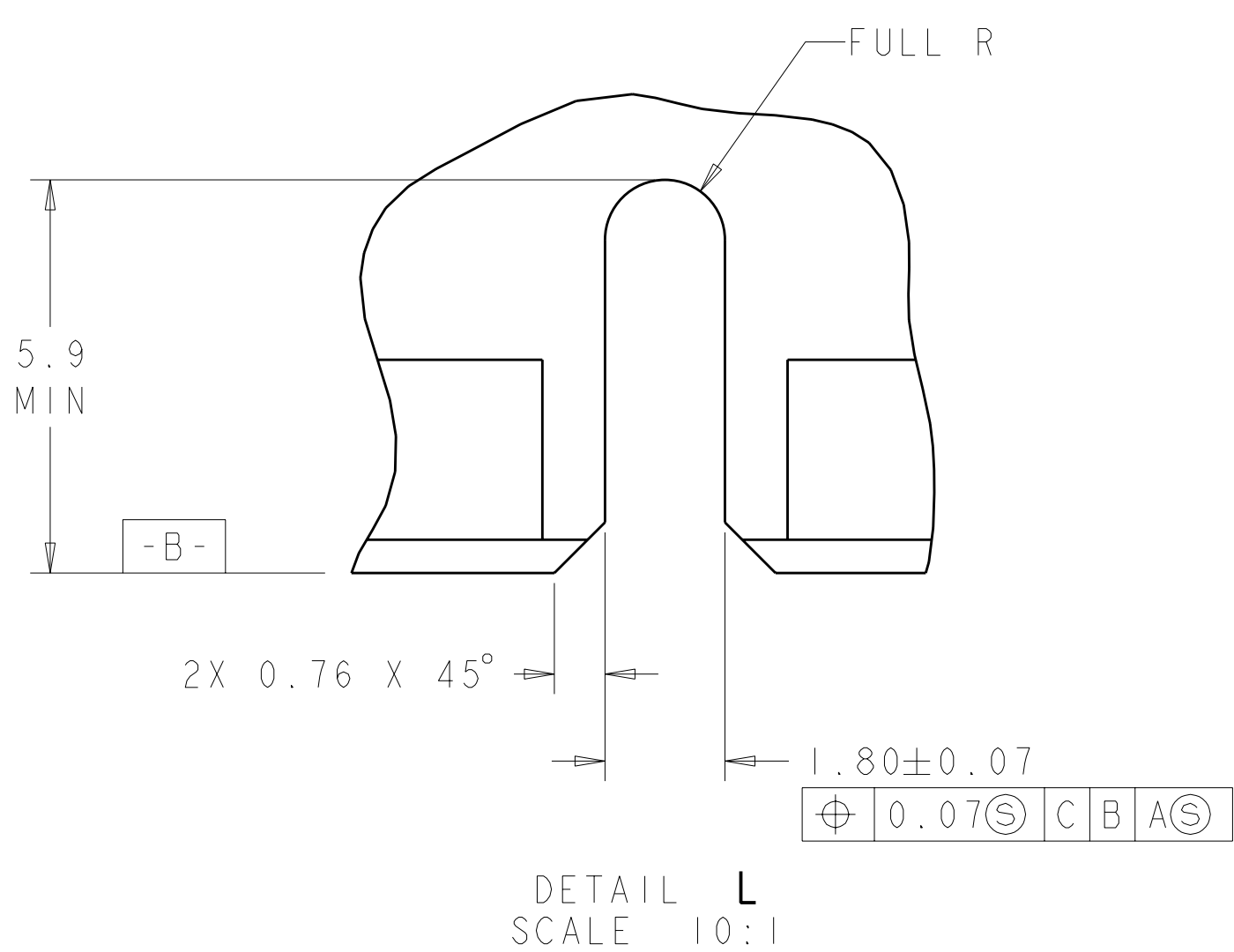
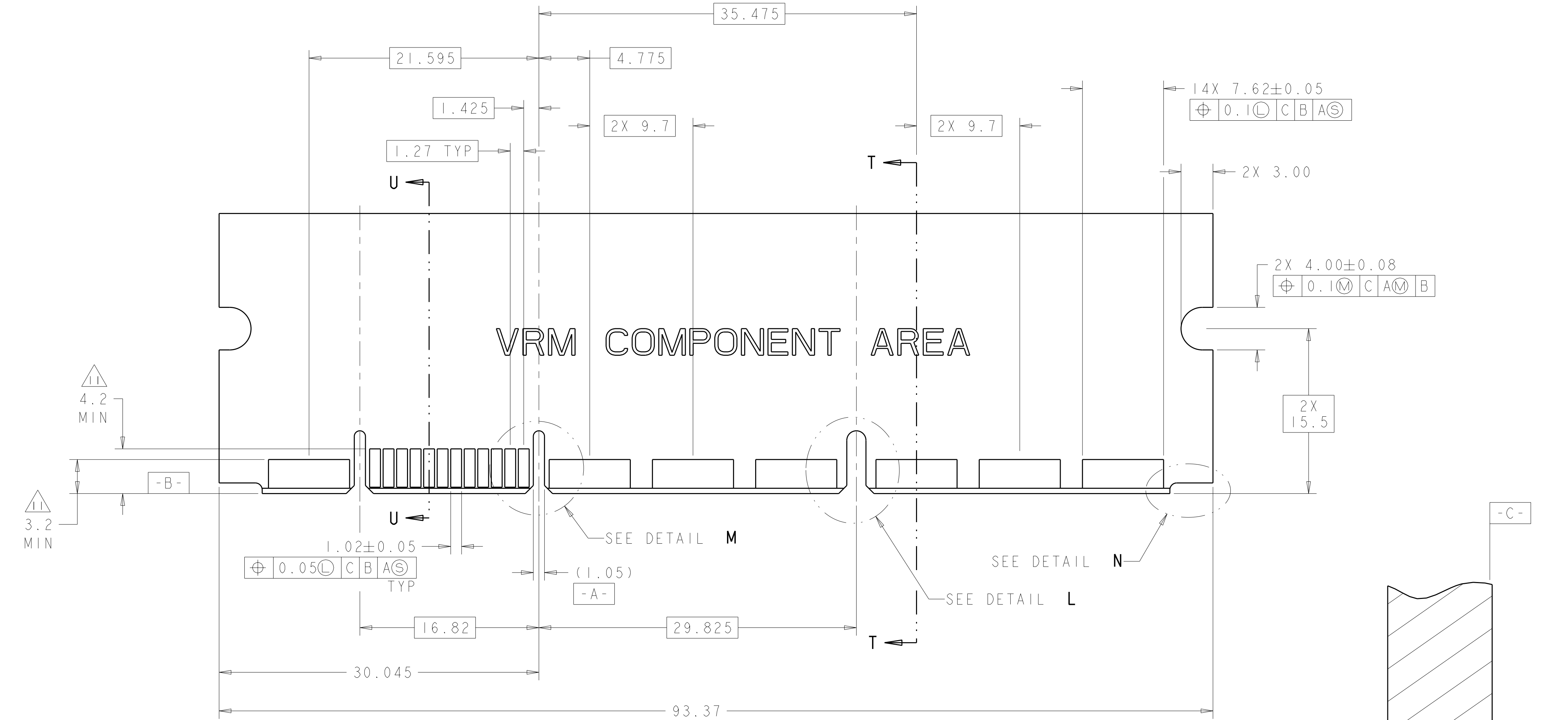
DETAIL G
SCALE 20:1



DETAIL Z
SCALE 12:1

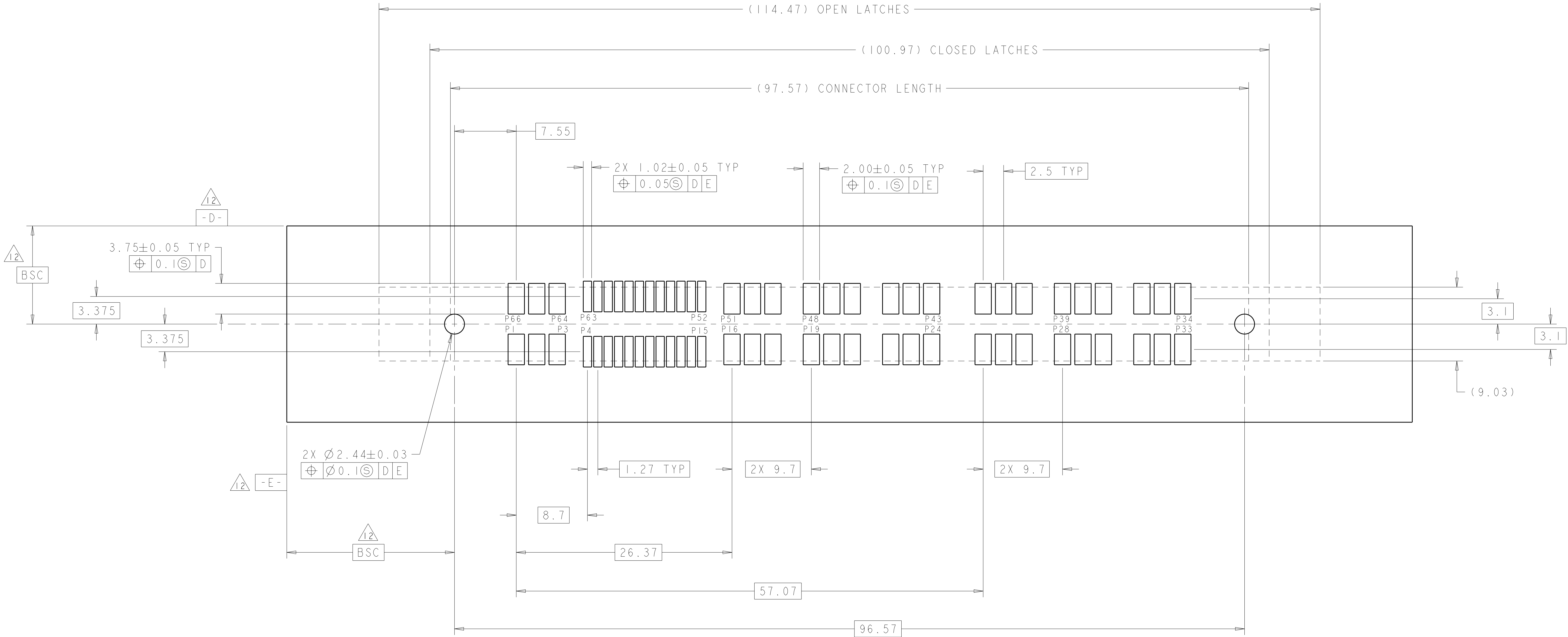
TYPICAL DIMENSIONS TO CENTER OF SOLDER TINE UNLESS OTHERWISE SPECIFIED		DWN W. VAN SCOOC 06JUN2006	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS:		CHK N. REESER 06JUN2006	NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P12 MINI CROWN EDGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD N. REESER 06JUN2006	PRODUCT SPEC	
mm			APPLICATION SPEC	
9 PLC ±.5			WEIGHT	
1 PLC ±0.5			CUSTOMER DRAWING	
2 PLC ±0.25			SCALE 4:1 SHEET 2 OF 4 REV G	
3 PLC ±.5			SIZE CAGE CODE DRAWING NO	
4 PLC ±.5			RESTRICTED TO	
ANGLES ±2°			A100779C=1766735	
FINISH			-	

LOC		DIST		REVISIONS			
GP				REV	DESCRIPTION	DATE	OWN
					SEE SHEET 1	-	-



TYP: THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.		DWN W. VAN SCOOC 06JUN2006	Tyco Electronics Harrisburg, PA 17105-3608	
CHK N. REESER 06JUN2006		APVD N. REESER 06JUN2006	NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P12 MINI CROWN EDGE	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 2 PLC ±0.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±2°		RESTRICTED TO
MATERIAL		FINISH		
CUSTOMER DRAWING		SCALE 4:1 SHEET 3 OF 4 REV G		

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



RECOMMENDED SOLDER LAND GUIDELINE
AS VIEWED FROM CONNECTOR SIDE

TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		DWN	W. VAN SCIOG	06JUN2006	Tyco Electronics Harrisburg, PA 17105-3608	
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		CHK	N. REESER	06JUN2006		
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		APVD	N. REESER	06JUN2006	NAME	
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		PRODUCT SPEC			SOCKET CONNECTOR WITH LATCH, SMT	
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		APPLICATION SPEC			P2-S24-P12 MINI CROWN EDGE	
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		WEIGHT	-	SIZE	CAGE CODE	DRAWING NO
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		CUSTOMER DRAWING	-	A100779	C=1766735	-
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		SCALE	4:1	SHEET	4	OF 4
TYPICAL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE SPECIFIED		REV	G			