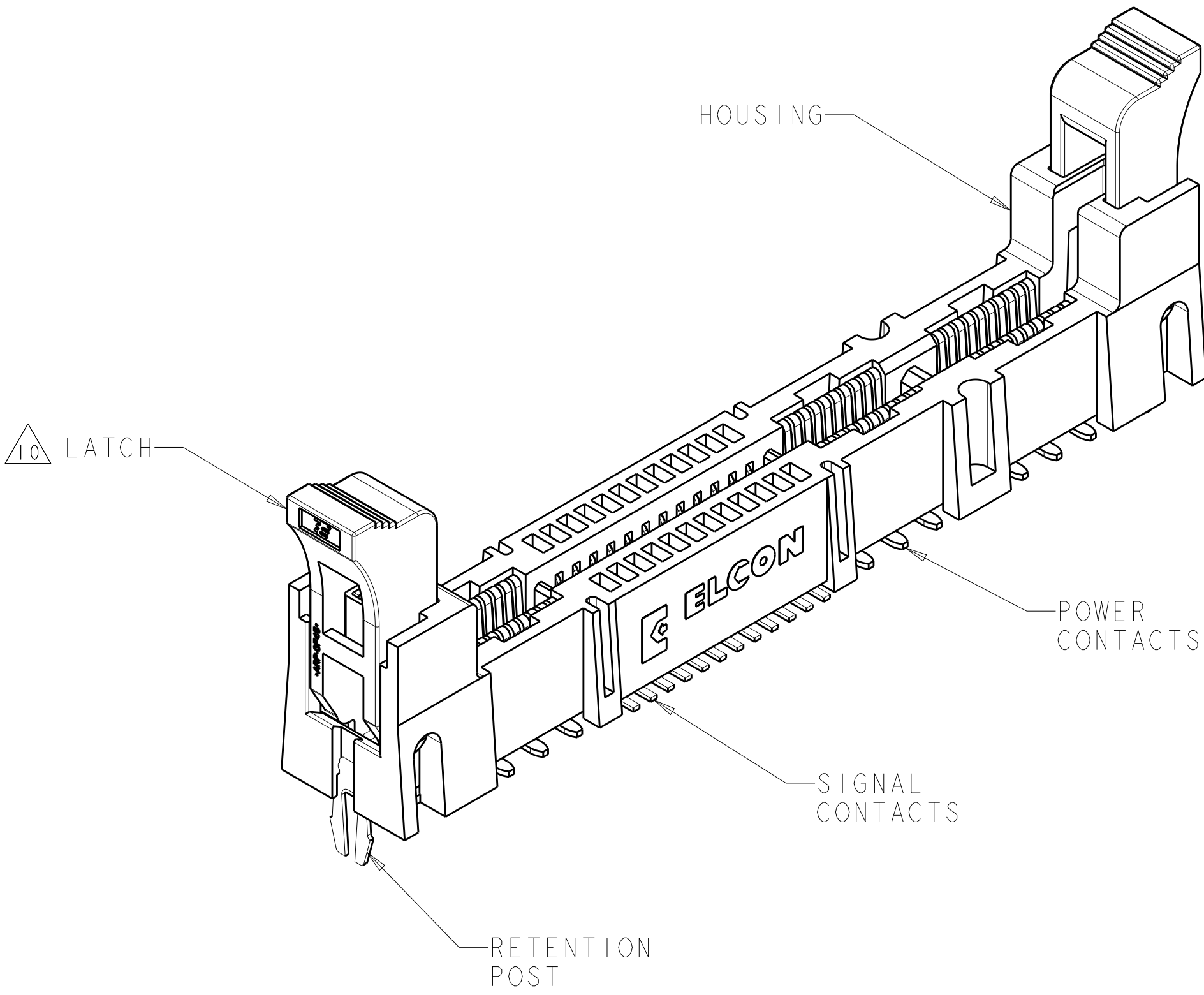


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		G1	REVISED PER ECO-11-016901	05APR2012	KH	AS
			G2	ADD MODULE EXTRACTION GUIDE	10JUL2012	AY	SZ



ISOMETRIC VIEW 1926155-2  
SCALE 4:1

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.


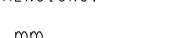


10. CAUTION:  
LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR. DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING LATCHES, DAMAGE TO LATCHES AND OR CONNECTOR MAY OCCUR.

11. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

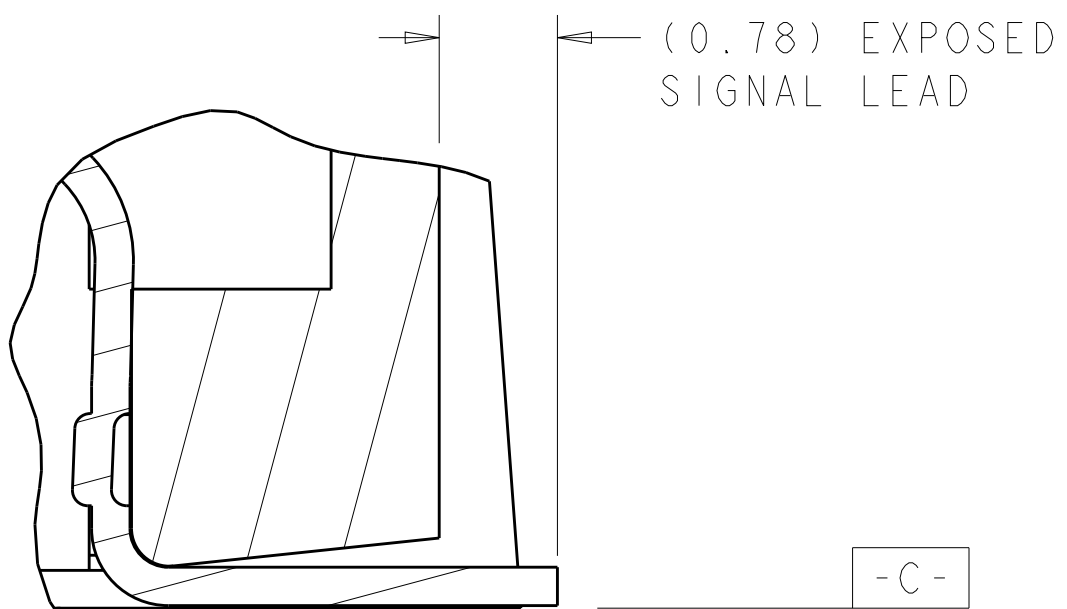
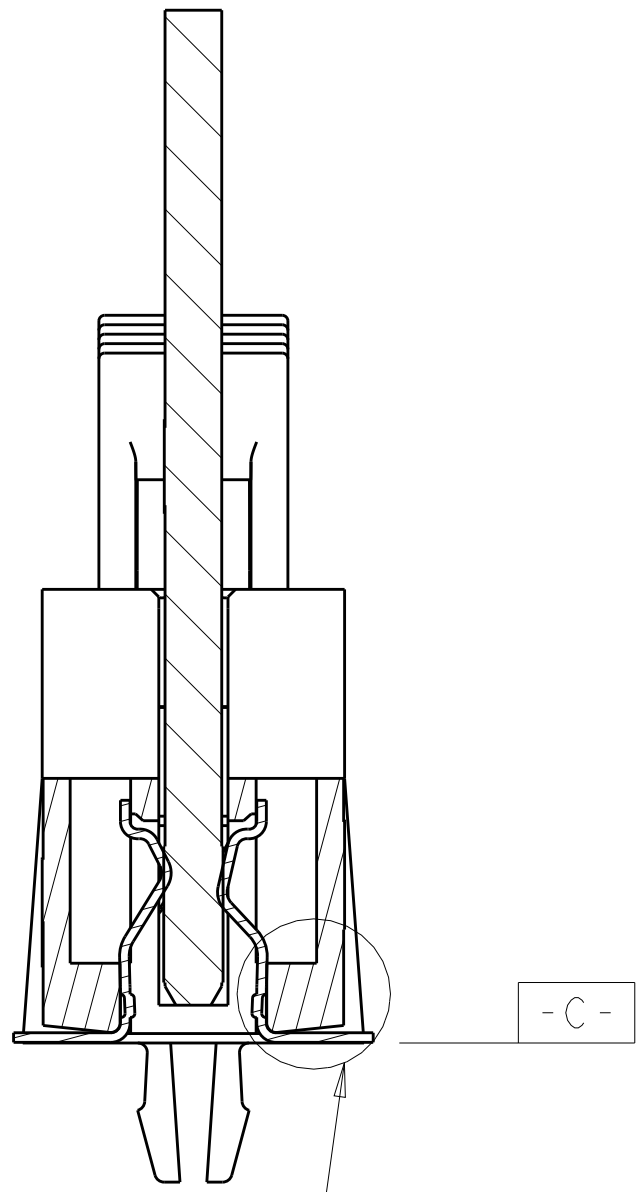
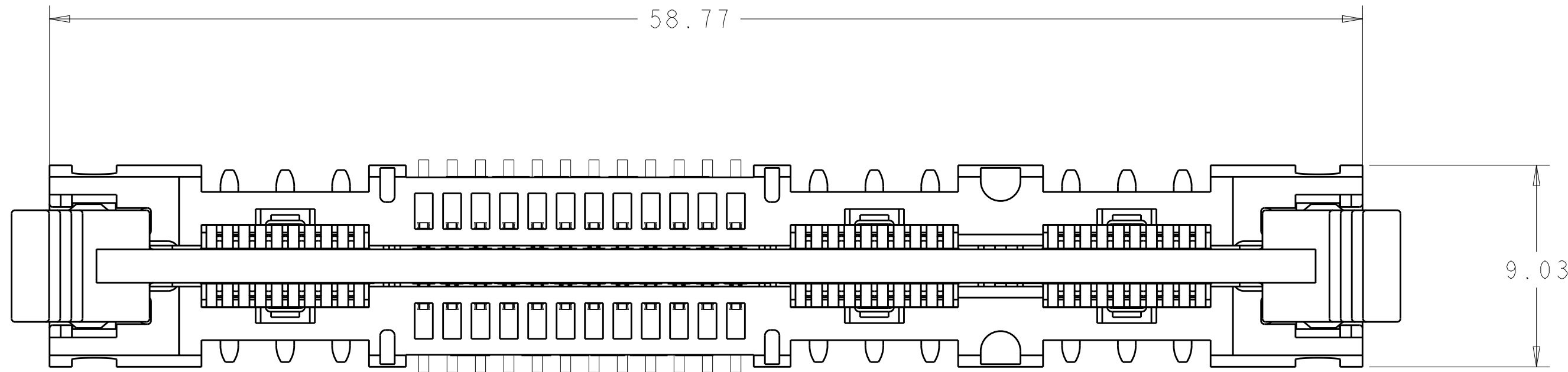
12. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

13. FOR DESIGN OBJECTIVES SEE 108-2301.

4.61	1926155-4
4.19	1926155-3
3.68	1926155-2
DIM "A"	PART NUMBER

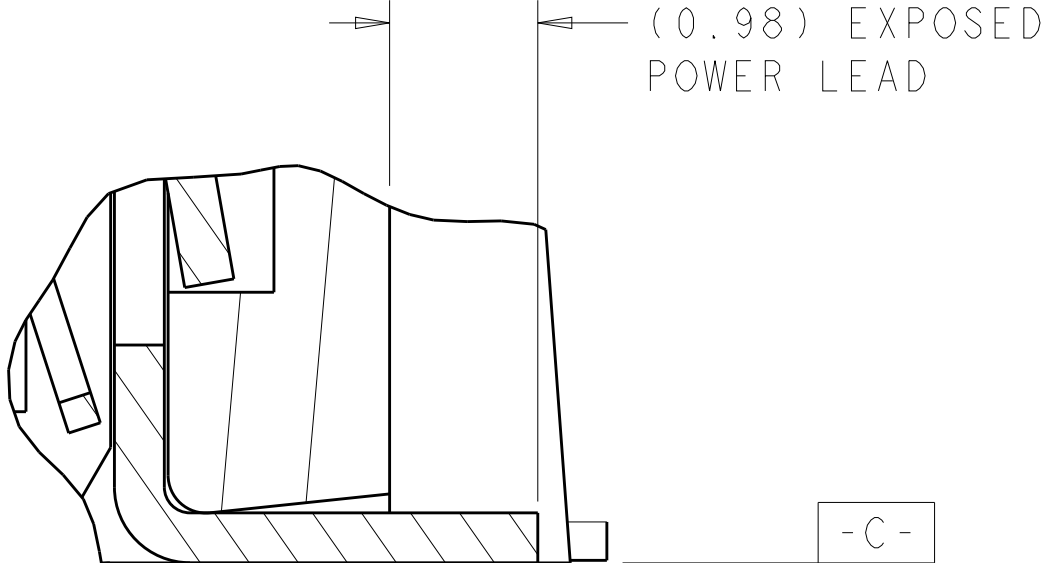
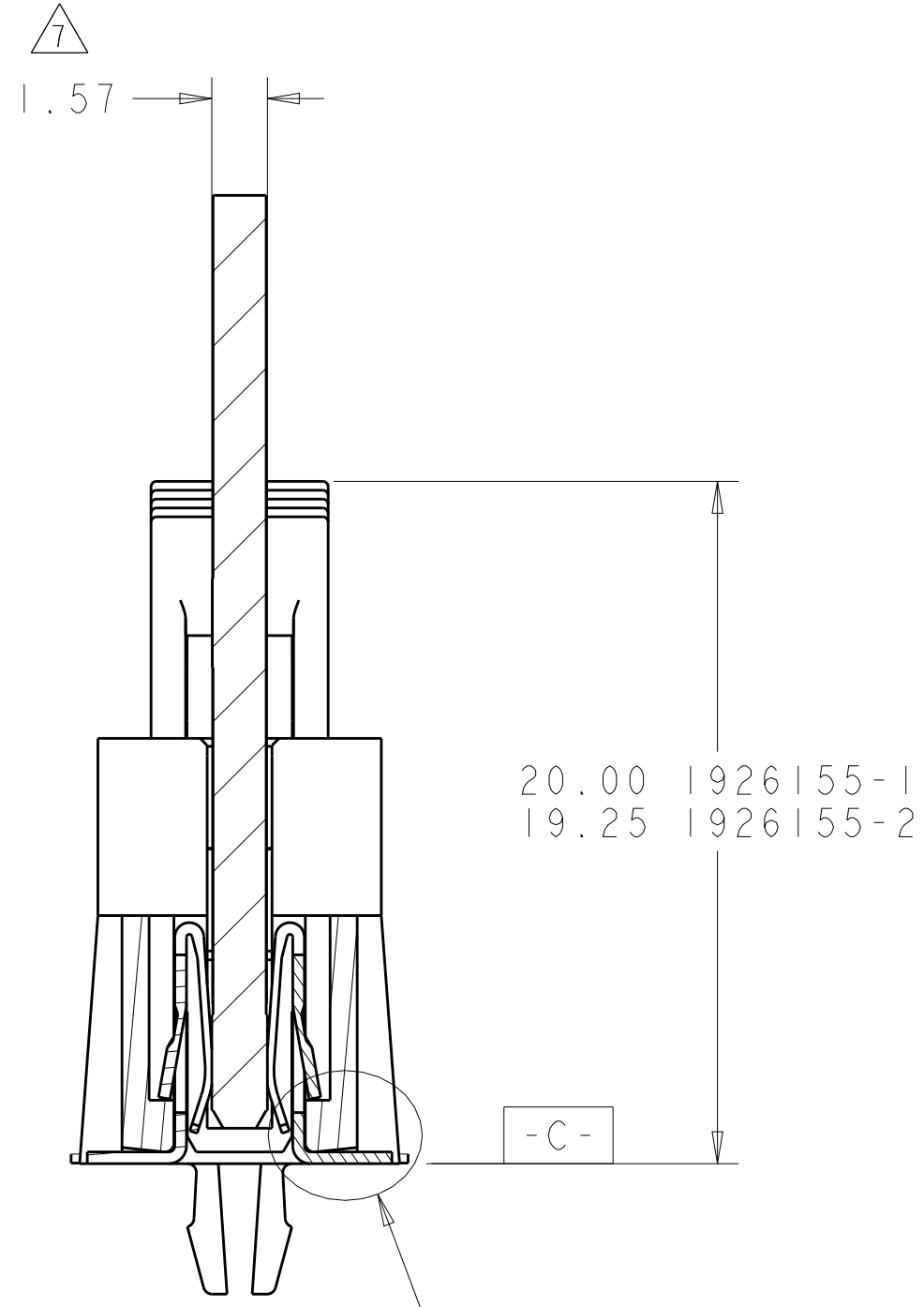
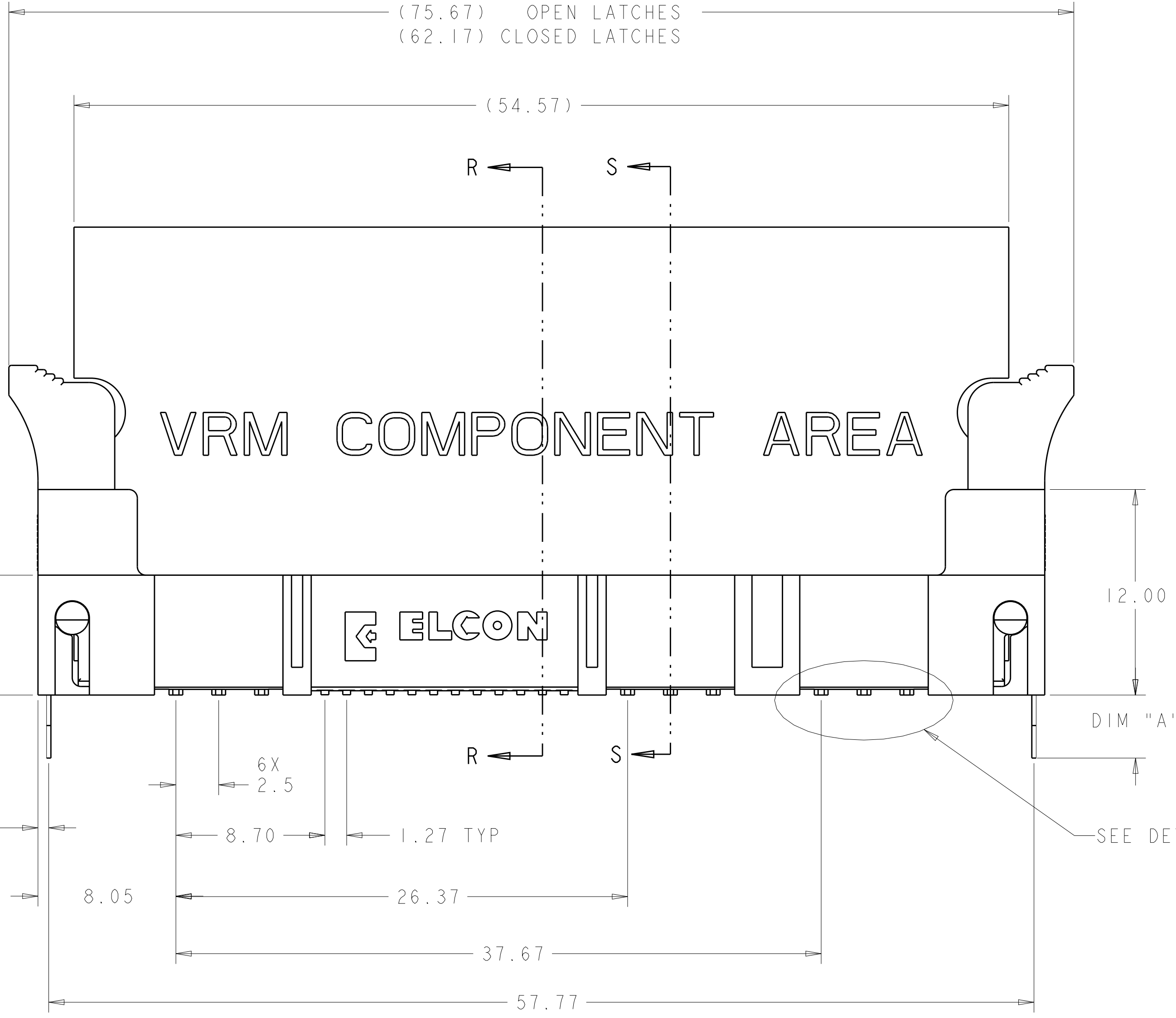
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G. PETERS/DTI	25MAY2006		 TE Connectivity	
DIMENSIONS:		CMH				
mm		APVD W. REEFER	25MAY2006		NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P4 MINI CROWN EDGE	
		PRODUCT SPEC				
		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO		
		WEIGHT				
		CUSTOMER DRAWING				
TOLERANCES UNLESS OTHERWISE SPECIFIED:				RESTRICTED TO		
0 PLC ±°		A100779C=1926155				
1 PLC ±.5		SCALE 1:1				
2 PLC ±.25		SHEET 1 OF 5				
3 PLC ±°		REV G2				
4 PLC ±°						
ANGLES #2						
FINISH						
MATERIAL						
						

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



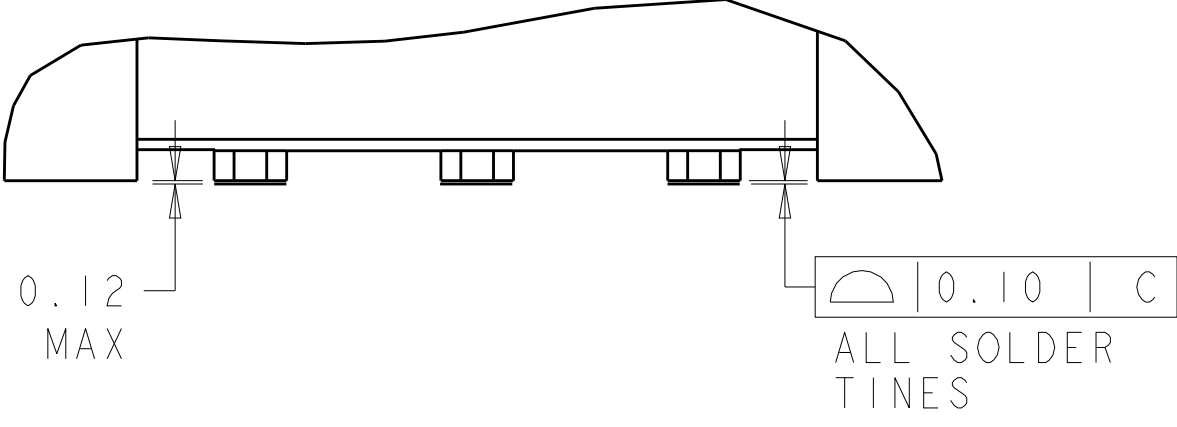
SECTION R-R

DETAIL H  
SCALE 20:1





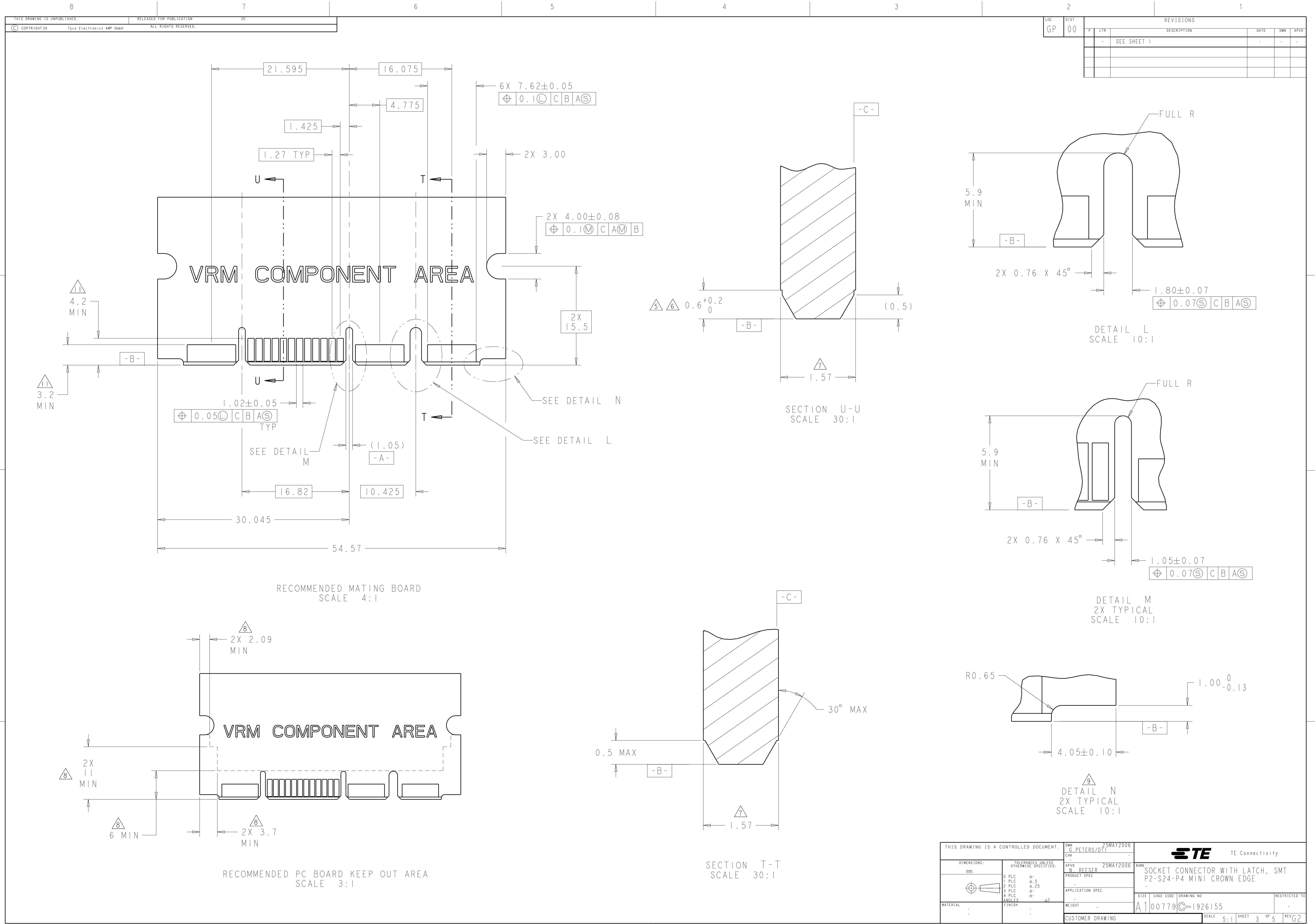
SECTION S-S

DETAIL G  
SCALE 20:1

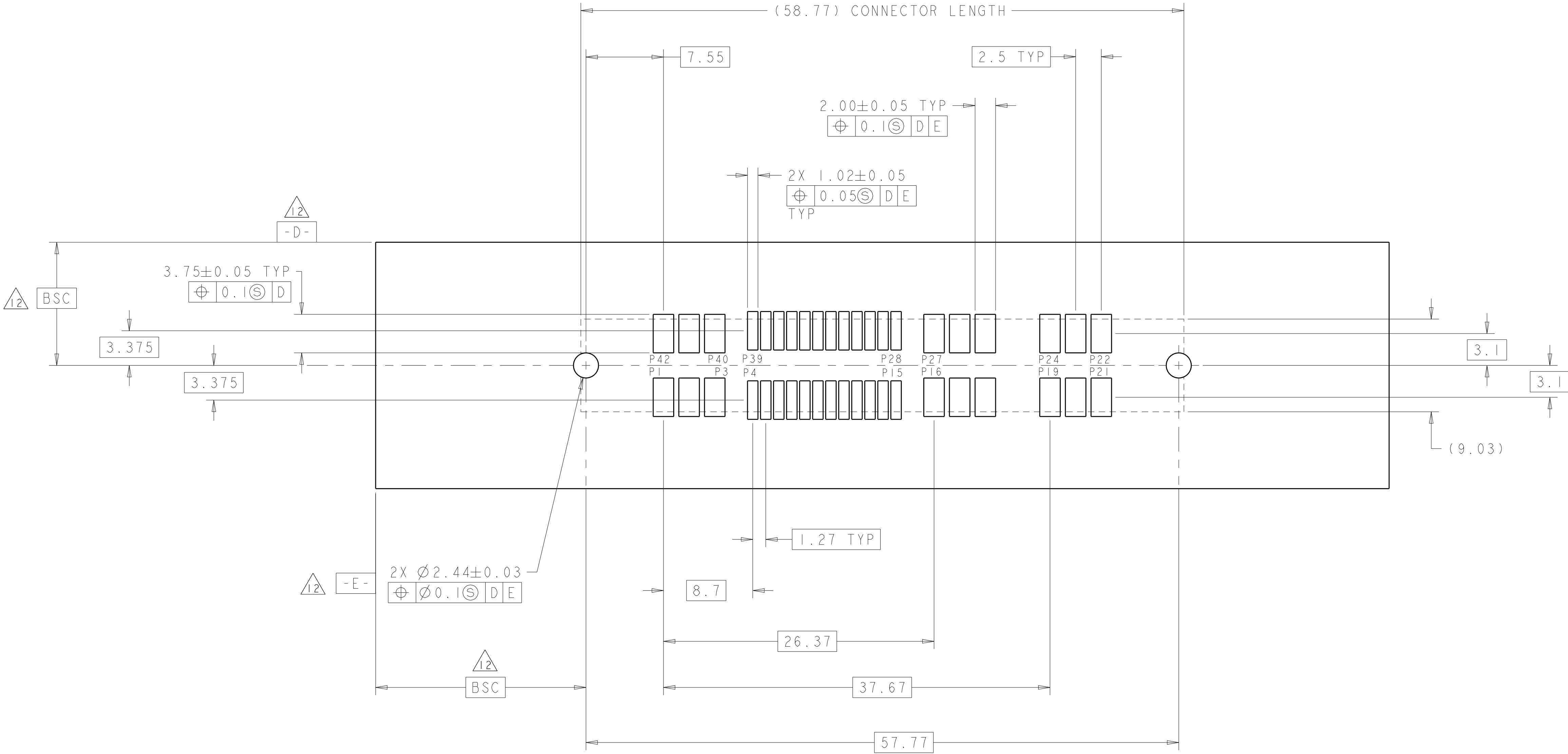


DETAIL Z  
SCALE 12:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	G. PETERS/DTI	25MAY2006	 TE Connectivity	
		CHK	N. REESER	25MAY2006		
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
mm		0 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES #2		SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P4 MINI CROWN EDGE		
		APVD		PRODUCT SPEC		
		APPLICATION SPEC		SIZE CAGE CODE DRAWING NO		
MATERIAL		FINISH		RESTRICTED TO		
				A100779C-1926155		
		CUSTOMER DRAWING		SCALE 5:1 SHEET 2 OF 5 REV G2		



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



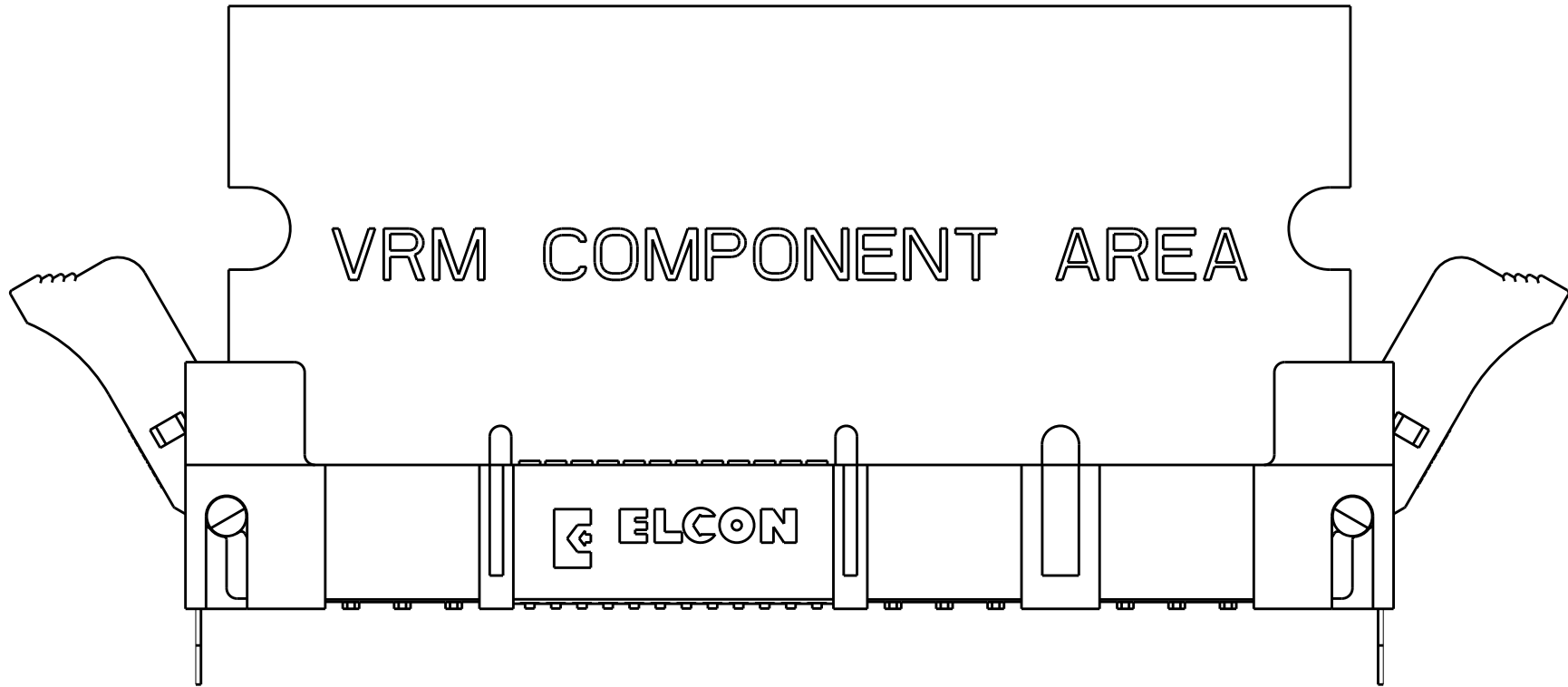
RECOMMENDED SOLDER LAND GUIDELINE  
AS VIEWED FROM CONNECTOR SIDE  
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	G. PETERS/DTI	25MAY2006	 TE Connectivity					
		CHK	-	-						
DIMENSIONS:		APVD	N. REESER	25MAY2006	NAME SOCKET CONNECTOR WITH LATCH, SMT P2-S24-P4 MINI CROWN EDGE					
mm		PRODUCT SPEC	-	-						
		APPLICATION SPEC	-	-	SIZE A100779					
		FINISH	-	-						
		MATERIAL	-	WEIGHT	-	-	DRAWING NO C=1926155			
				CUSTOMER DRAWING	-	-				
				SCALE	5:1	SHEET	4	OF	5	REV

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

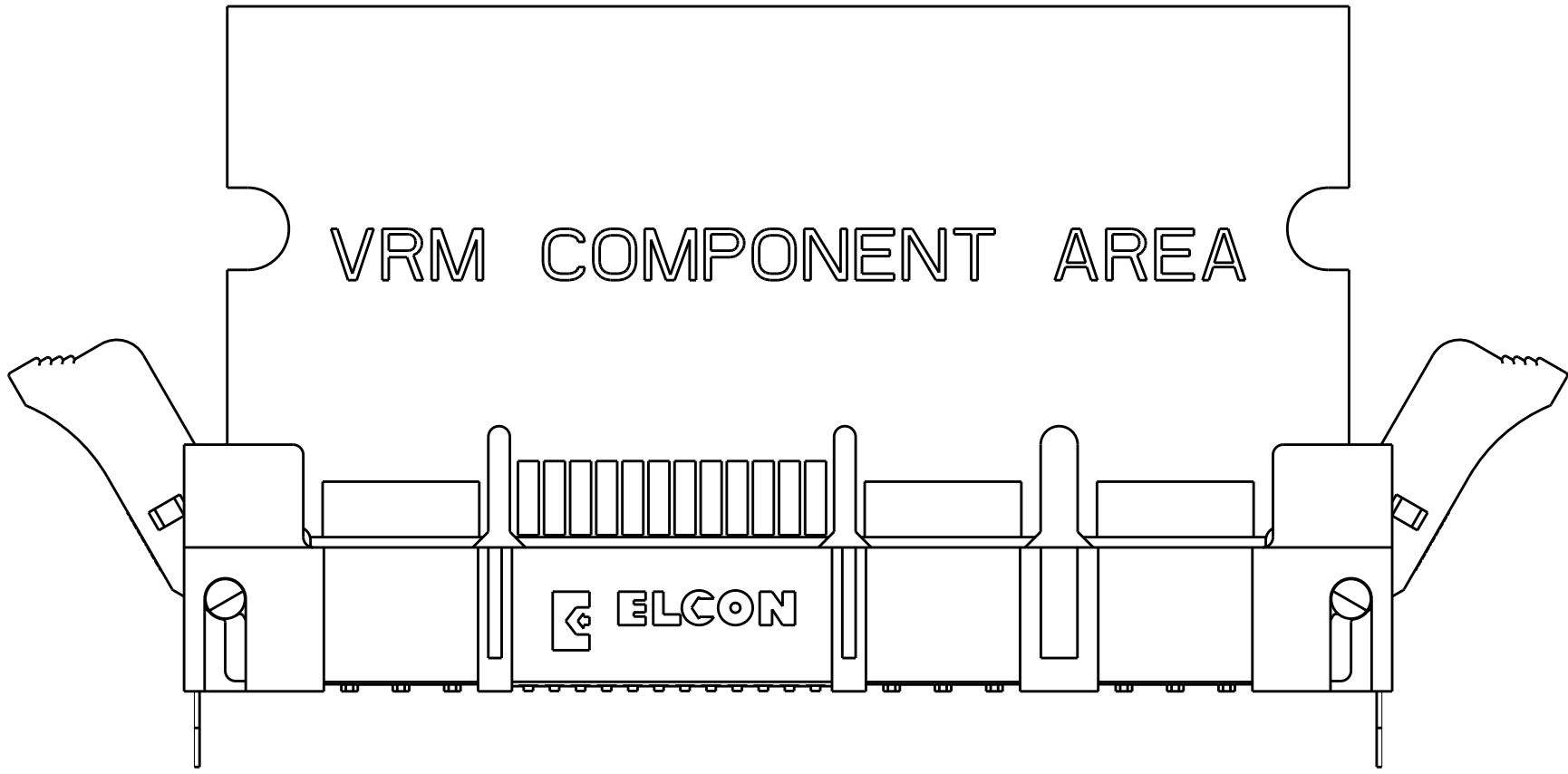
MODULE EXTRACTION GUIDE

STEP 1



THE MODULE IS REMOVED FROM THE SOCKET FIRST BY SIMULTANEOUSLY ROTATING EACH LATCH APPROXIMATELY 30 DEGREES AWAY FROM THE HOUSING END. AT FULL ROTATION OF THE LATCH, THE MODULE IS NOT COMPLETELY DISLODGED. THE MODULE WILL STILL BE APPROXIMATELY 15% ENGAGED.

STEP 2



THE COMPLETE REMOVAL OF THE MODULE WILL BE DONE BY PULLING IT STRAIGHT UP THROUGH THE BOARD SUPPORT TOWERS WITH TWO HANDS TO INSURE VERTICAL REMOVAL.

# Mouser Electronics

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