

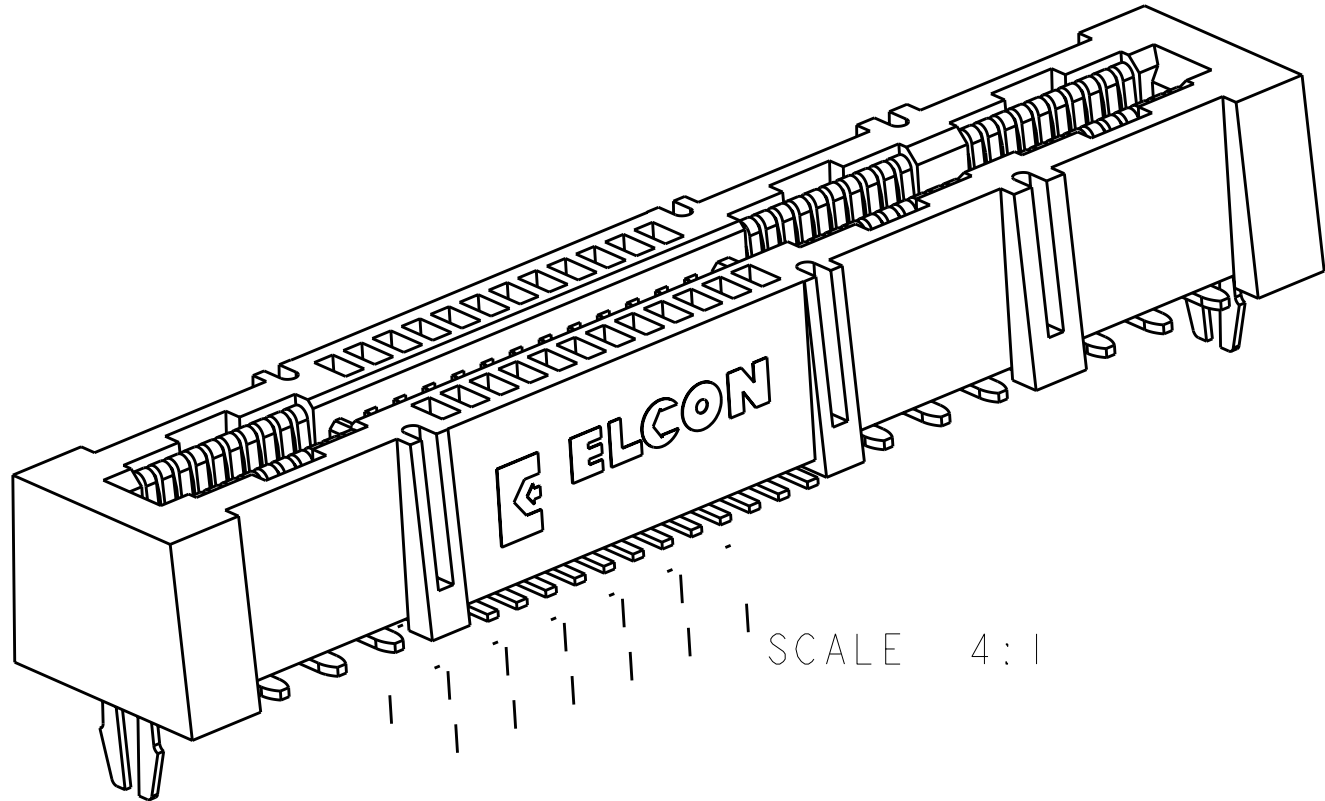
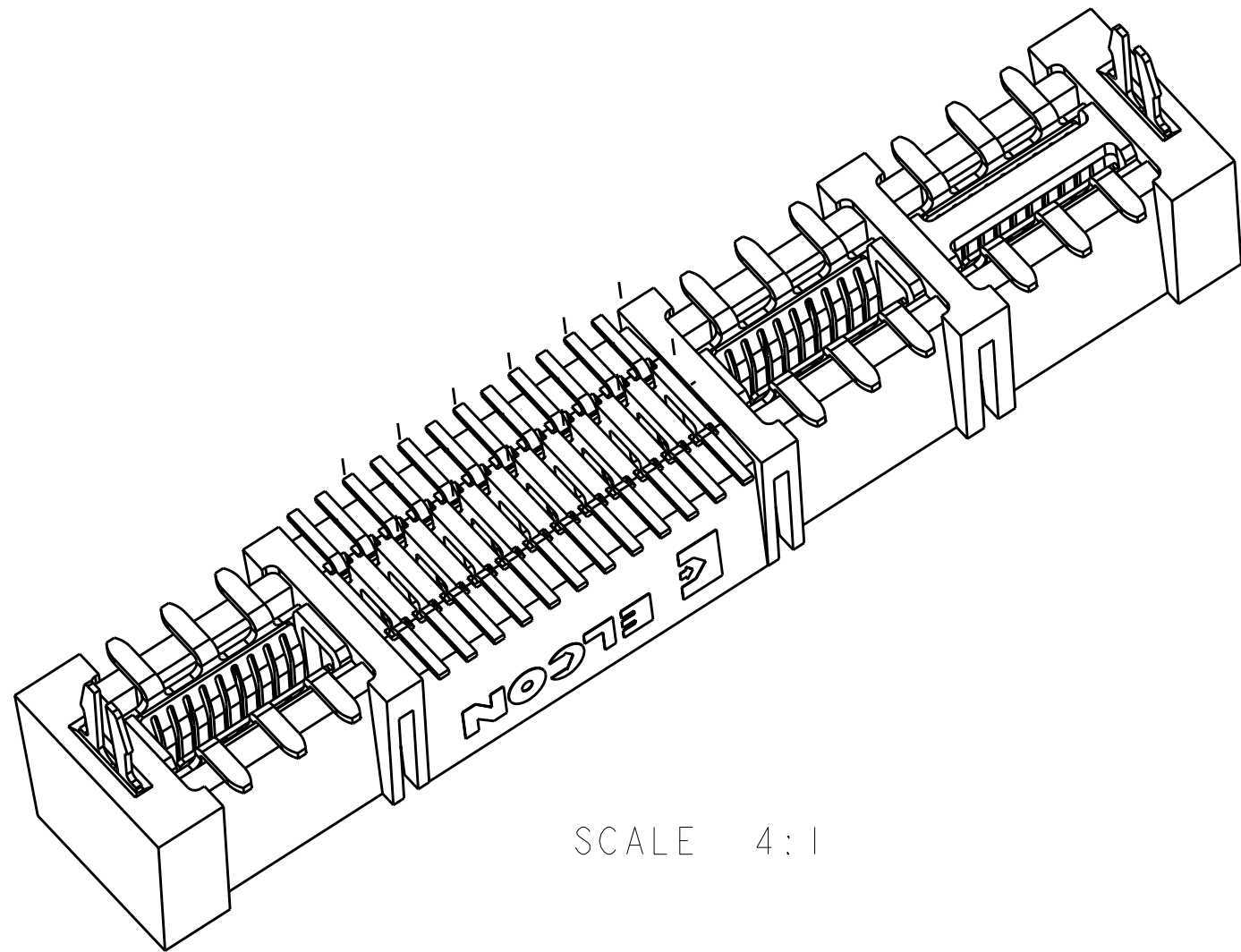
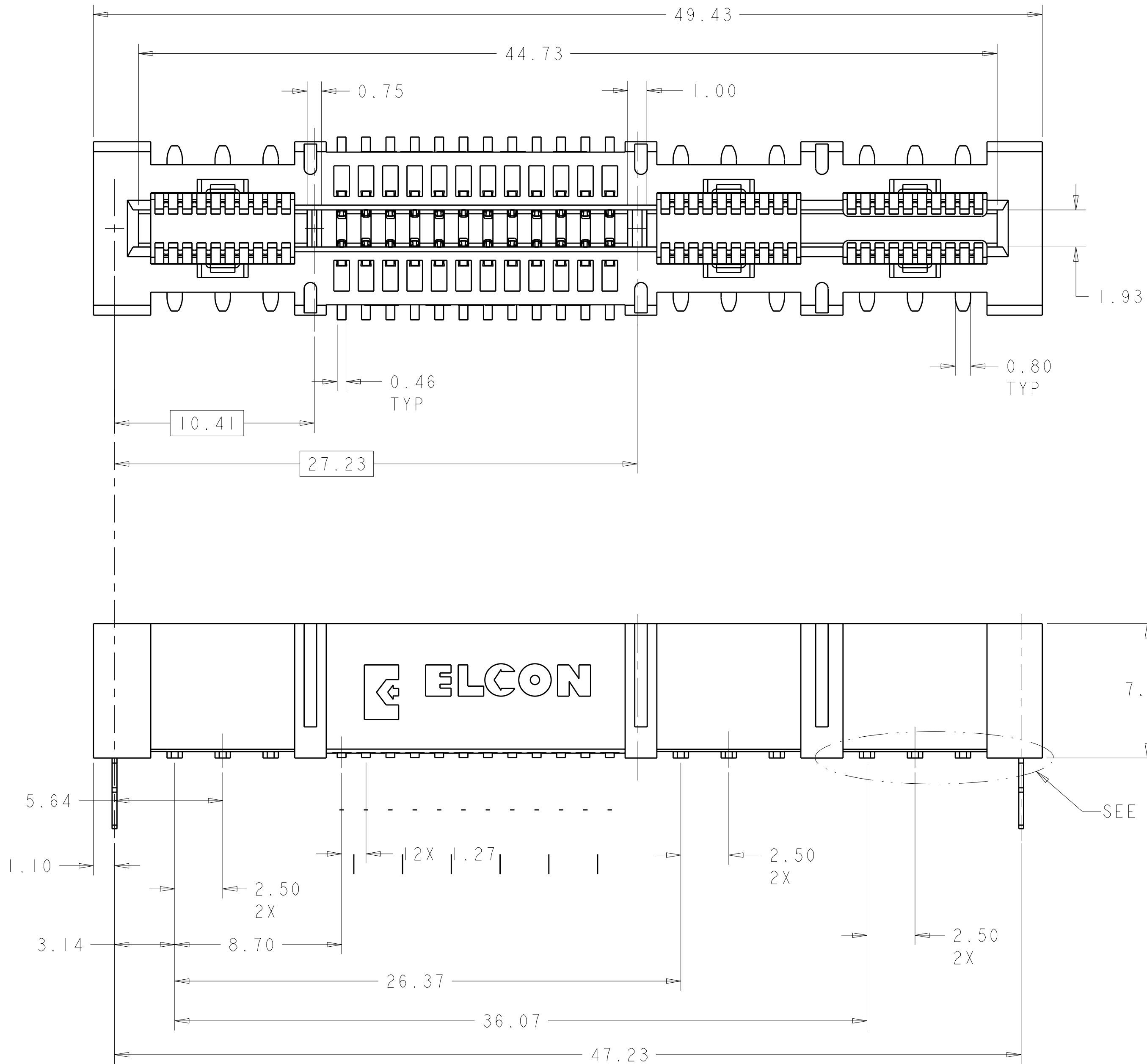
LOC		DIST		REVISIONS						
GP		00		P	LTR	DESCRIPTION		DATE	DWN	APVD
					A	RELEASED PER ECO-09-019324		20AUG2009	RG	RL

D

C

B

A



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:
INSULATOR - THERMOPLASTIC, GLASS REINFORCED UL94V-0
COLOR: BLACK, FLAMIMABILITY RATED
CONTACTS - COPPER ALLOY

3. FINISH:
POWER CONTACT - SELECTIVE GOLD PLATE 0.76µm MIN THK.
OVER NICKEL 1.27µm MIN THK.
SMT TAILS - TIN PLATE 3.05µm MIN. THK. OVER
NICKEL 1.27µm MIN. THK.
SIGNAL CONTACT - SLECTIVE GOLD PLATE 0.76µm MIN THK.
OVER NICKEL 1.27µm MIN THK.
SMT TAILS - MATTE TIN PLATE 3.81µm MIN THK.
OVER NICKEL 1.27µm MIN THK.

4. A REFERENCE DIMENSION (X.XX) IS WITHOUT TOLERANCE AND USED FOR INFORMATION PURPOSE ONLY.

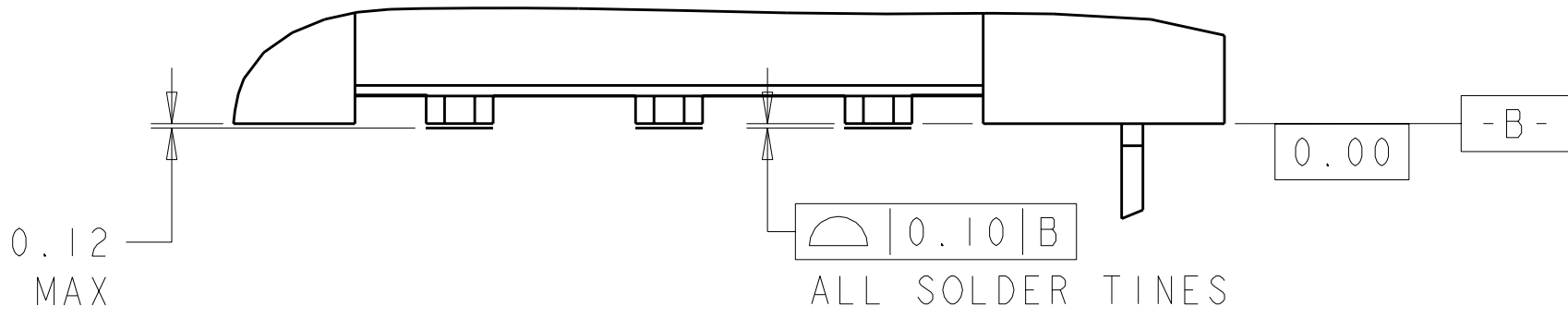
5. ITEMS PROVIDED TO THIS SPECIFICATION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

TYCO ELECTRONICS P/N
XXXXXXX-X

DATE CODE (e.g. 0525)
XXXX

YEAR 11 WEEK

6. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
7. MAXIMUM BURR OF 0.013 ON CARD TAB AREA.
8. CONNECTOR ACCEPTS 1.57±0.13 THK. PC BOARD.
9. KEEP OUT AREA FOR COMPONENTS ONLY.
10. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

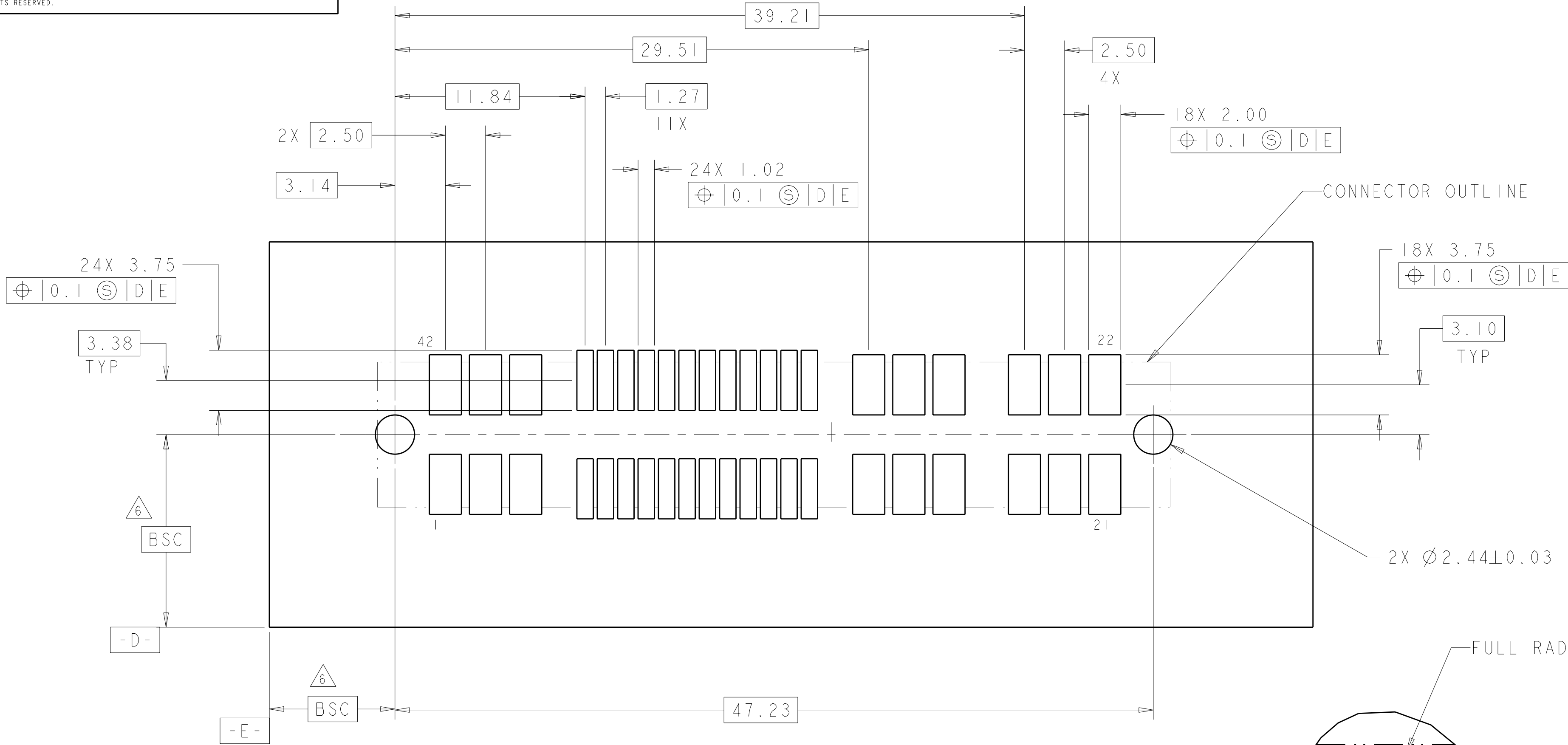


DETAIL C
SCALE 12:1

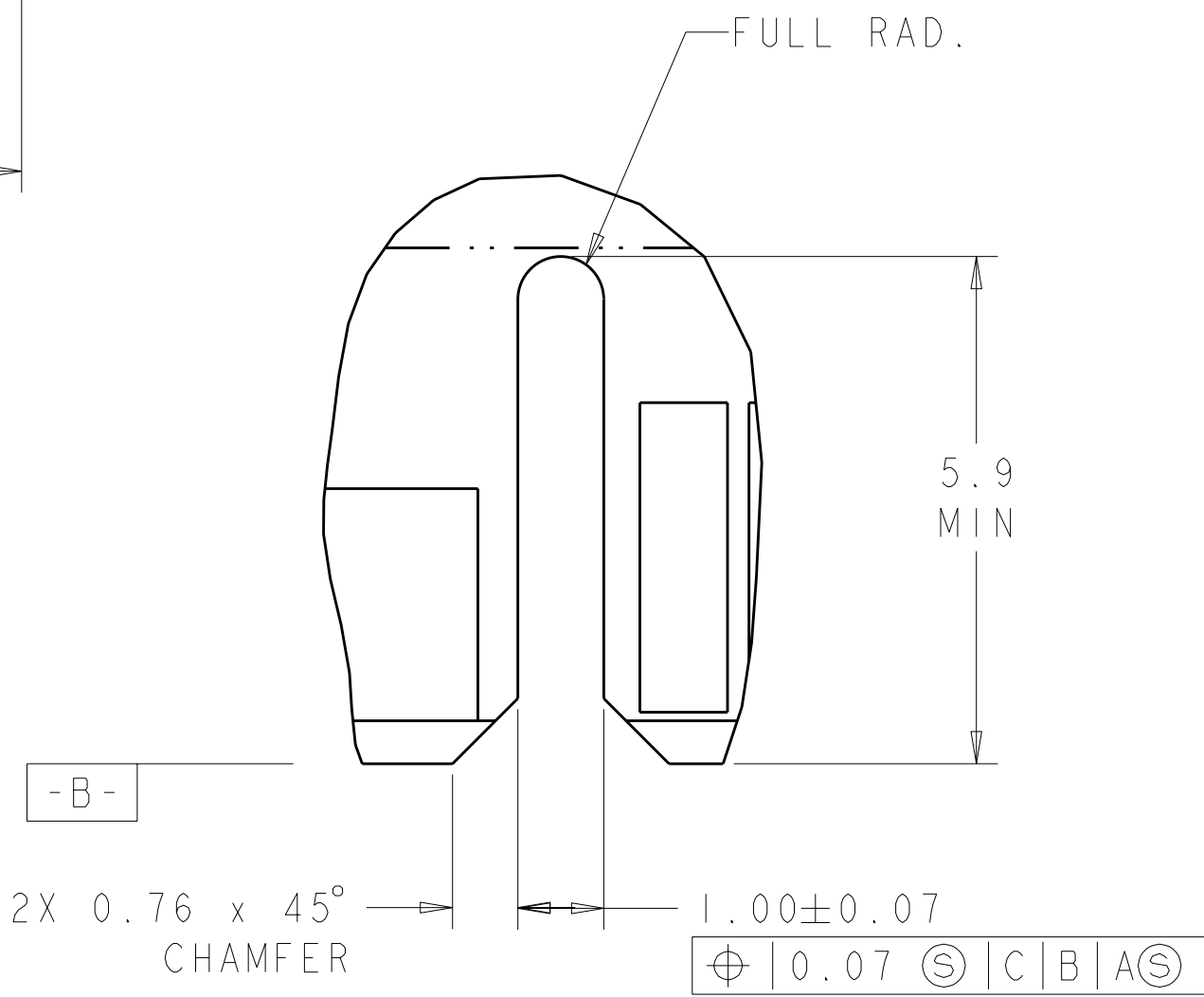
GF30	5.24	2.92 - 3.55	1926819-8
	4.61	2.29 - 2.92	1926819-7
	4.19	1.57 - 2.29	1926819-6
	3.68	≤ 1.57	1926819-5
GF45	5.24	2.92 - 3.55	1926819-4
	4.61	2.29 - 2.92	1926819-3
	4.19	1.57 - 2.29	1926819-2
	3.68	≤ 1.57	1926819-1
MATERIAL 2	DIM "A"	BOARD THICKNESS RANGE	PART NO.

TYPICAL DIMENSIONS TO BE USED FOR CONSTRUCTION OF THE CONNECTOR. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION PURPOSE ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION PURPOSE ONLY. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION PURPOSE ONLY.		OWN R. GRZYBOWSKI CHK P. DAMATO APVD S. CLICKINGER 16APR2008 16APR2008 16APR2008	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		PRODUCT SPEC APPLICATION SPEC	NAME HOUSING, SOCKET, 3 POWER, 24 SIGNAL NO LATCH, MINI CROWN EDGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.25 1 PLC ±.25 2 PLC ±.25 3 PLC ±.25 4 PLC ±.25 ANGLES ±.3		WEIGHT -	SIZE A100779C=1926819	
MATERIAL 2		CUSTOMER DRAWING		RESTRICTED TO -
FINISH 3		SCALE 8:1 SHEET 1 OF 2 REV A		

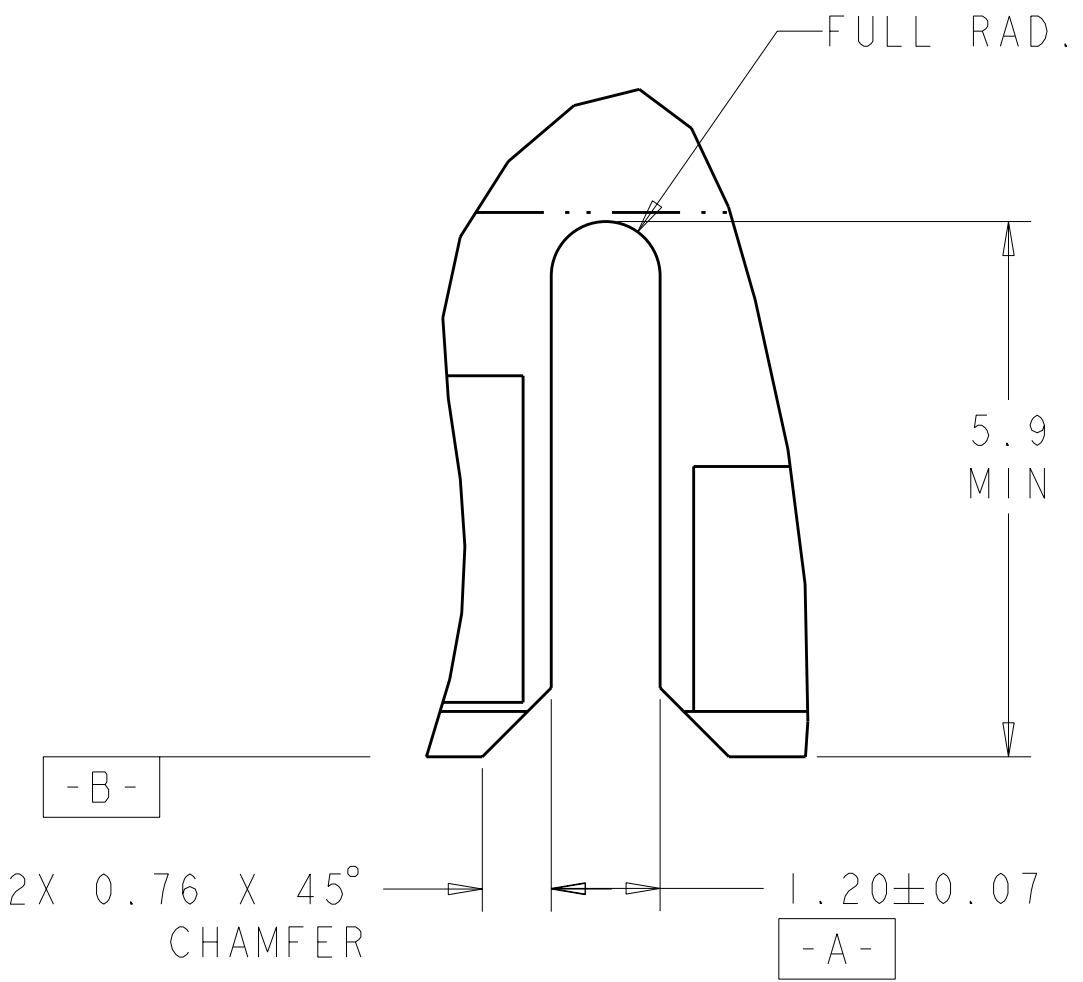
LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



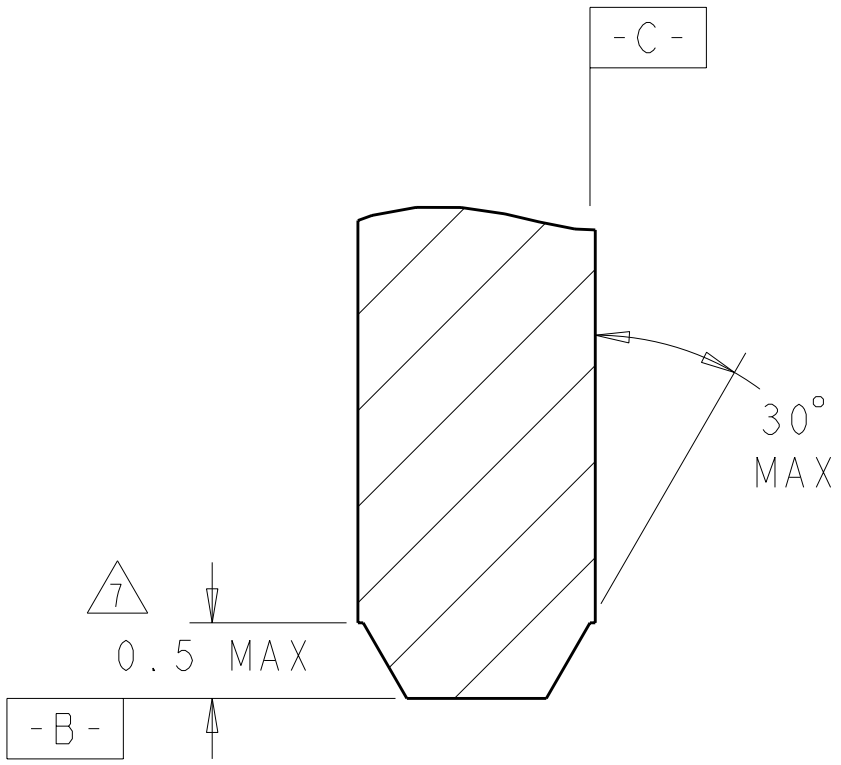
RECOMMENDED SOLDER LAND LAYOUT
AS VIEWED FROM CONNECTOR SIDE



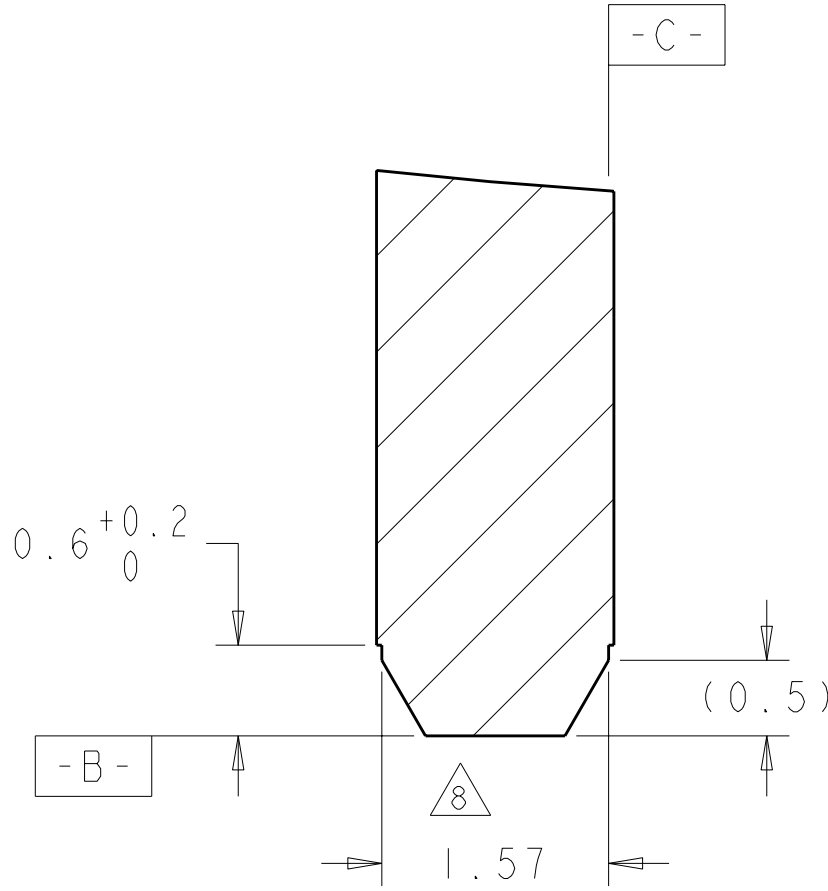
DETAIL S
SCALE 12:1



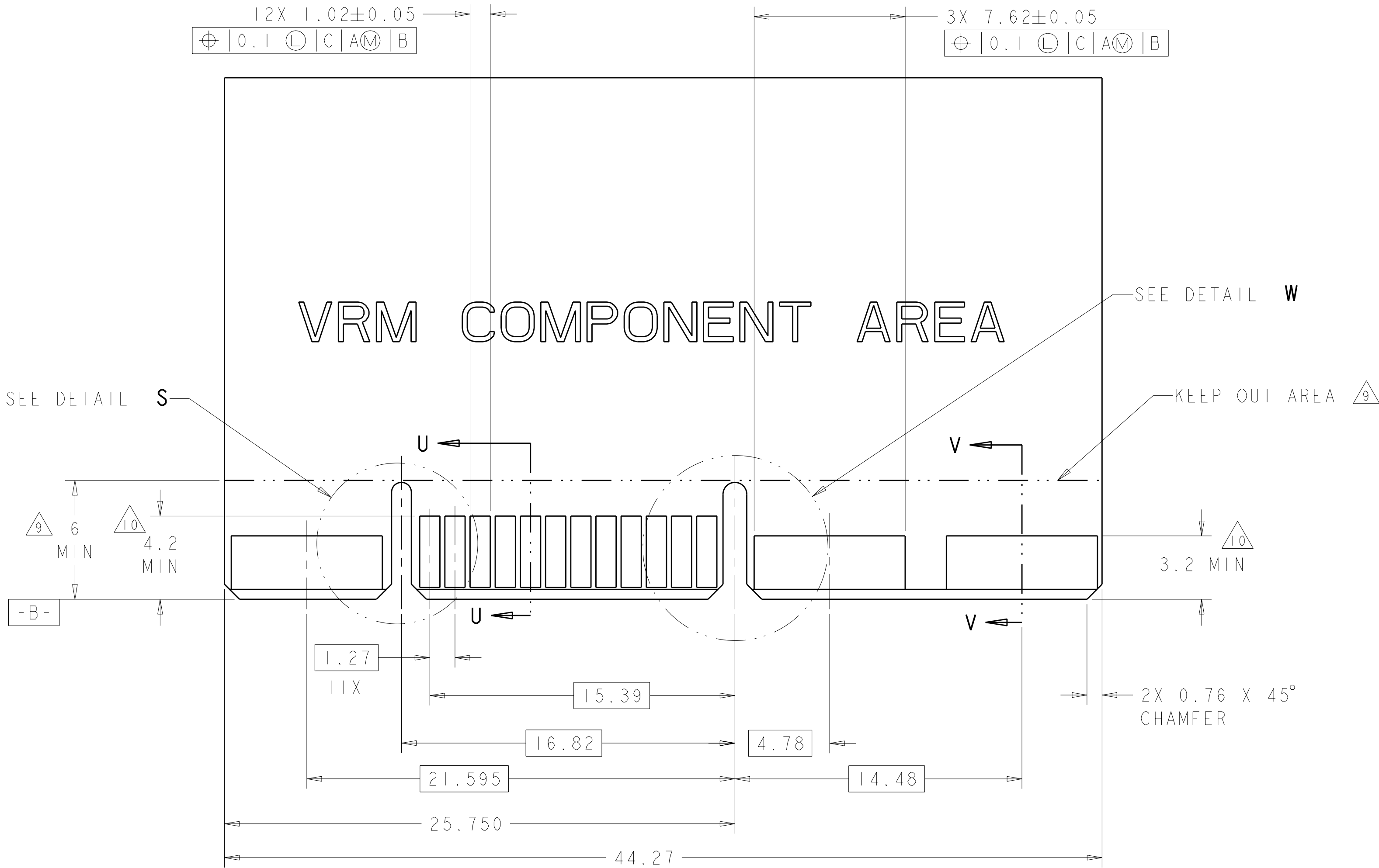
DETAIL W
SCALE 12:1



SECTION V-V
SCALE 20:1



SECTION U-U
SCALE 20:1



RECOMMENDED MATING BOARD
SCALE 6:1

DESIGN APPROVED THIS PRINT IS
PRELIMINARY
TO FIRST PIECE APPROVAL
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

TYCO ELECTRONICS CORPORATION 1111 E. MARKET STREET, CHAMBERSBURG, PA 17003-1001 TEL: 717-261-1000 FAX: 717-261-1001 WWW.TYCOELECTRONICS.COM		DWN R. GRZYBOWSKI CHK P. DAMATO APVD S. FLICKINGER	16APR2008 16APR2008 16APR2008	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME HOUSING, SOCKET, 3 POWER, 24 SIGNAL NO LATCH, MINI CROWN EDGE	
9 PLC 1 PLC 2 PLC 3 PLC 4 PLC		±.01 ±.02 ±.03 ±.04 ±.05		PRODUCT SPEC	
MATERIAL		FINISH		APPLICATION SPEC	
-		-		WEIGHT	
-		-		CUSTOMER DRAWING	
-		-		SCALE 8:1 SHEET 2 OF 2 REV A	

Mouser Electronics

Authorized Distributor

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[1926819-1](#)