

LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASED	08JAN2009	RG	PD
			B	REV PER ECO-09-027020	08JAN2010	RG	MS
			B I	REV PER ECO-10-003674	25FEB2010	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

3. FINISH:
CONTACTS:
GOLD PLATE 0.76µm MIN THK. OVER
NICKEL 1.27µm MIN THK.
SOLDER TAILS - TIN PLATE 3.05µm MIN THK. OVER
NICKEL 1.27µm MIN THK.

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 2.36±0.13 THICK PC BOARD.

8. KEEP OUT AREA FOR COMPONENTS ONLY.

9. FEATURE REQUIRED FOR USE WITH LATCH.

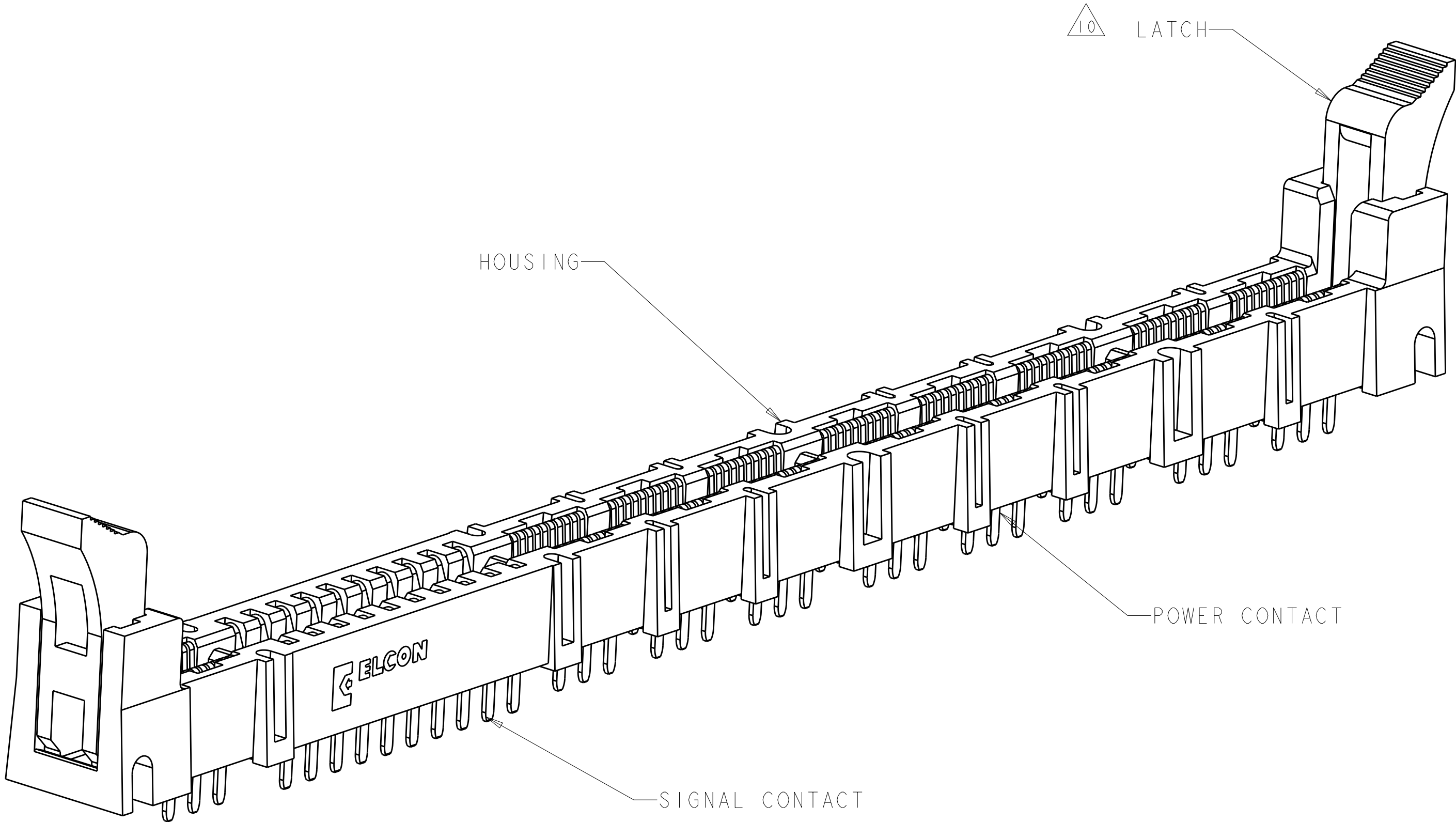
10. CAUTION:
LATCHES ARE INTENDED FOR RETENTION OF PC BOARD TO CONNECTOR. DO NOT ATTEMPT TO FULLY EJECT PC BOARD FROM CONNECTOR WHILE DISENGAGING LATCHES, DAMAGE TO LATCHES AND OR CONNECTOR MAY OCCUR.

11. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

12. FOR DESIGN OBJECTIVES SEE 108-2301.

13. RECOMMENDED PRINTED CIRCUIT HOLE:
FINISHED HOLE: Ø1.02 ±.08
DRILLED HOLE: Ø1.15 ±.013
COPPER PLATE: .025 MIN. (PER SURFACE)
TIN PLATE: .008 MIN (PER SURFACE)

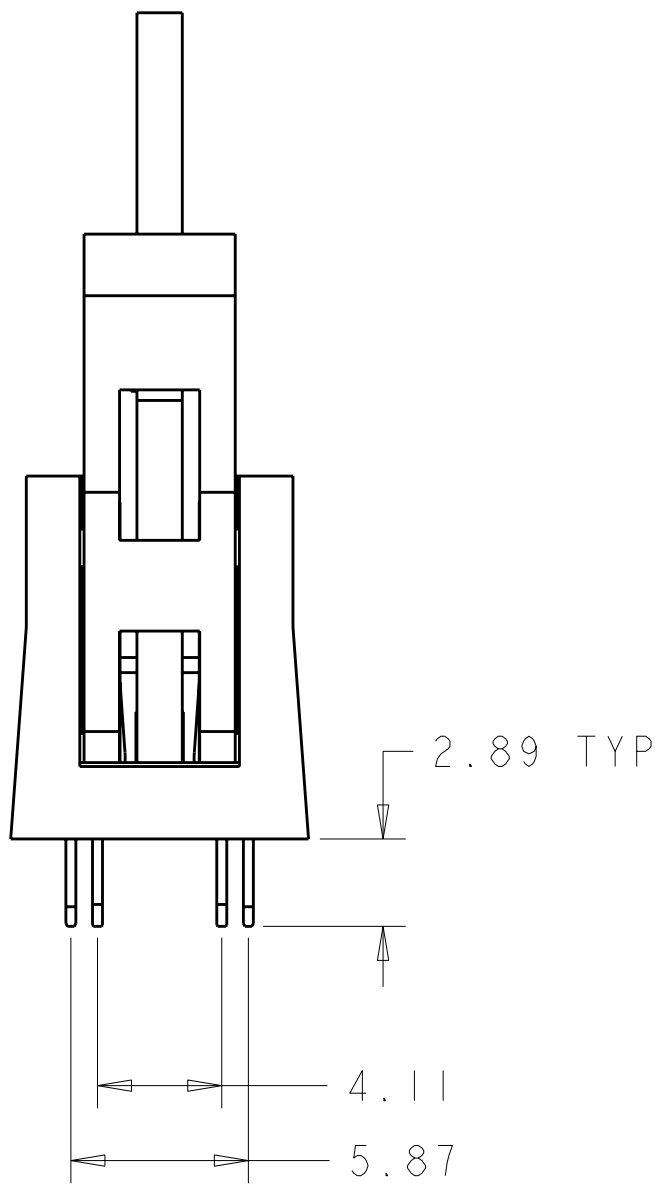
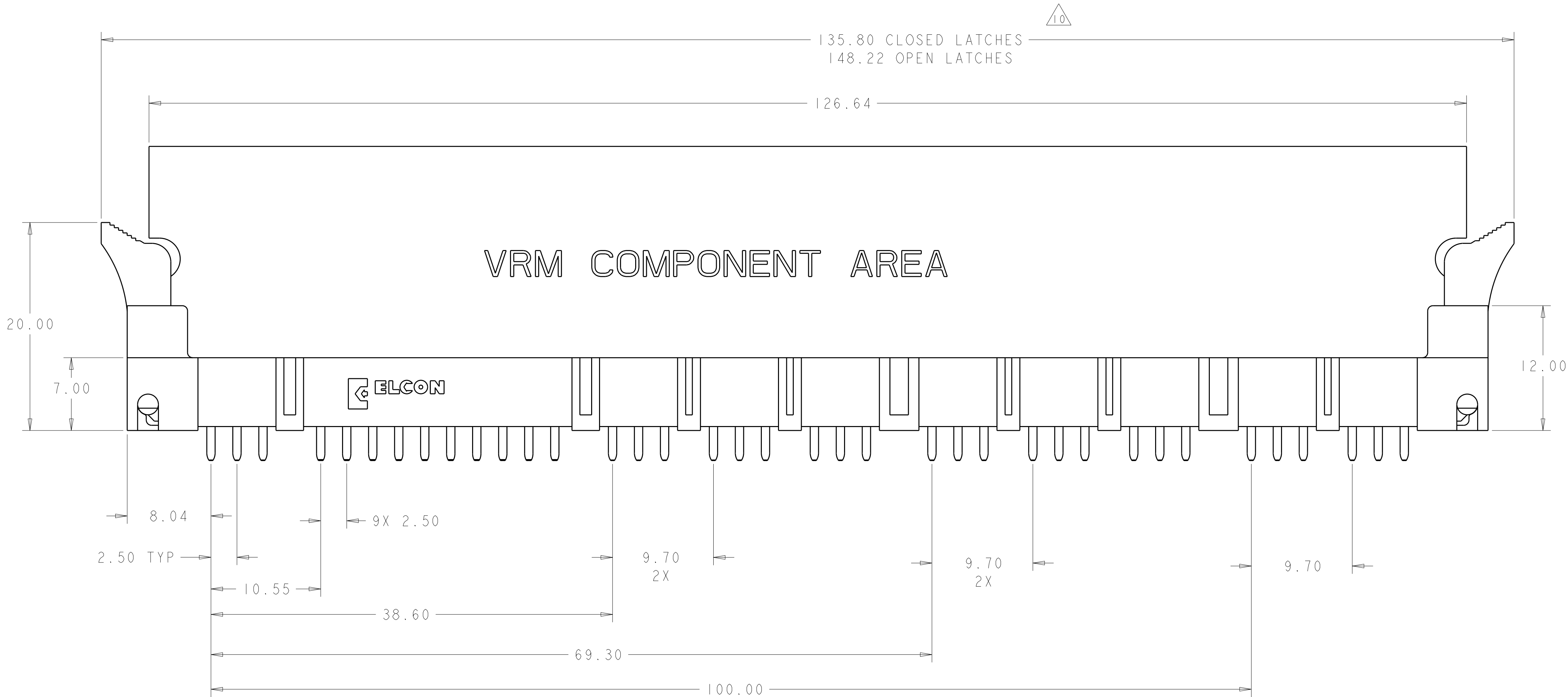
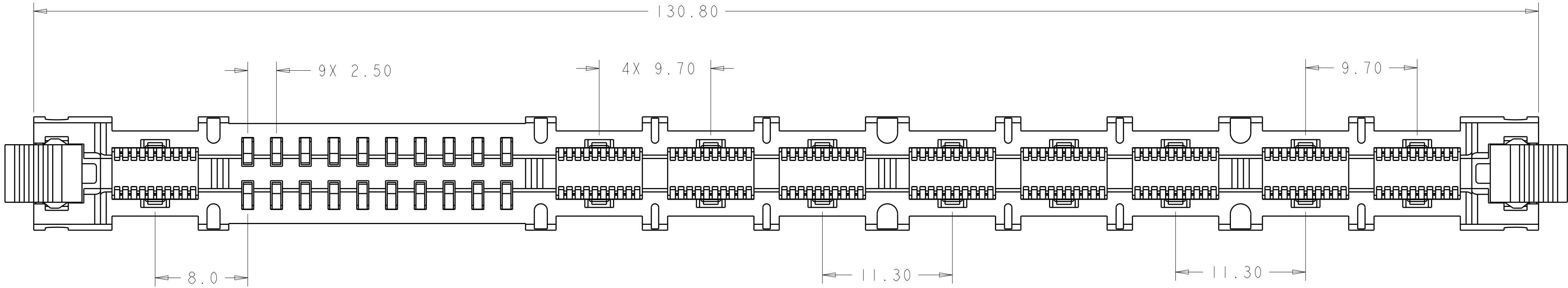
14. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER



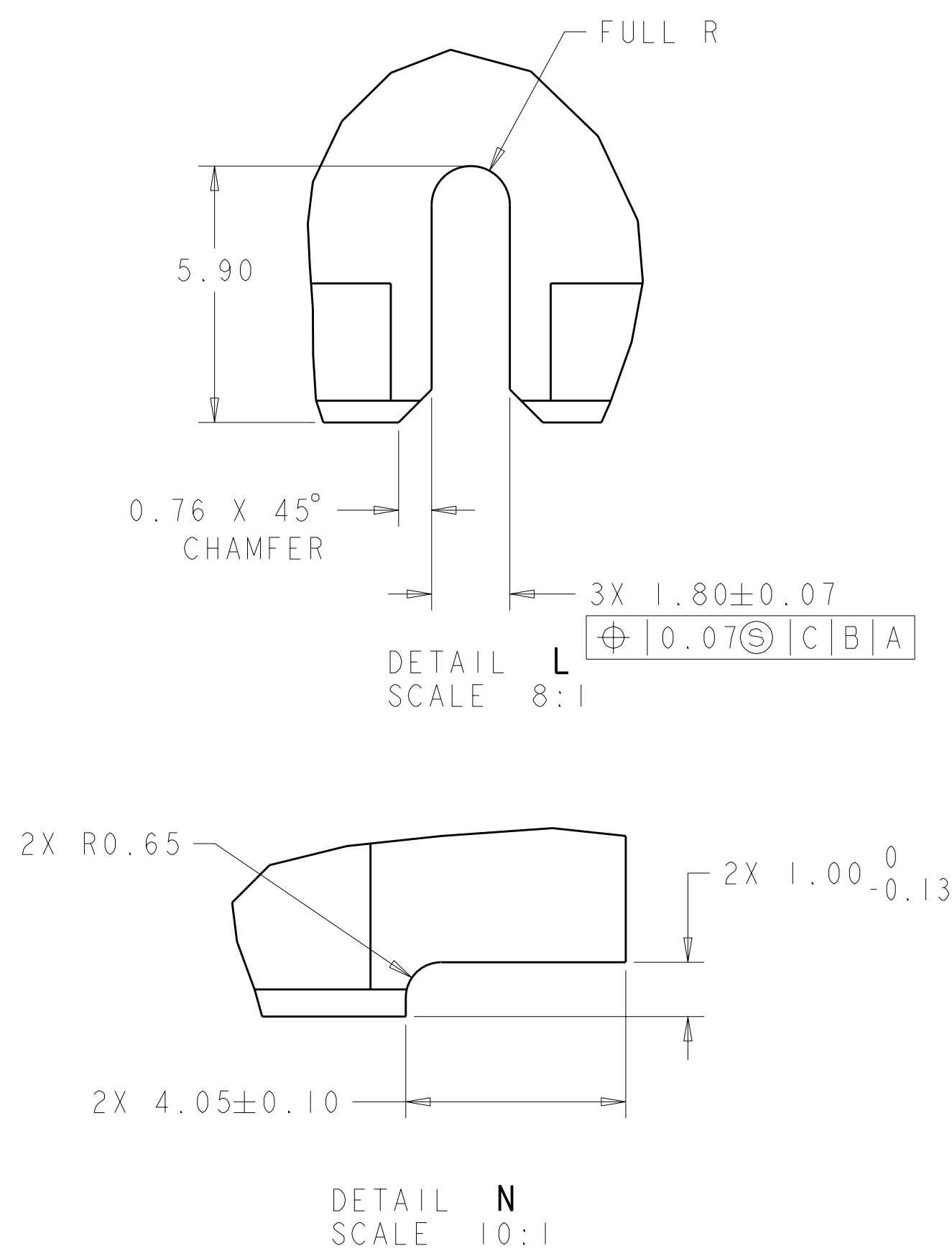
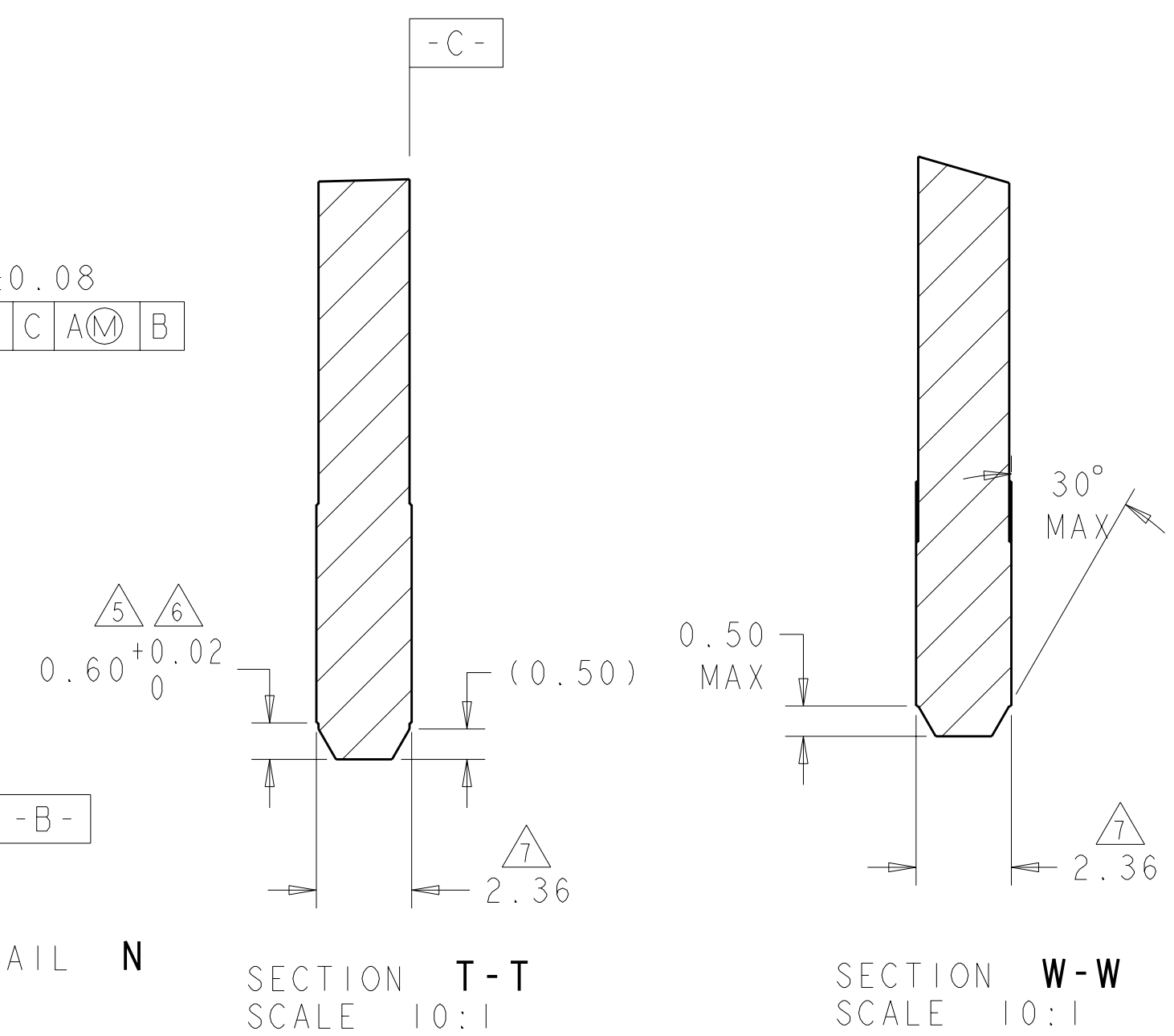
AS SHOWN	1651864-1
DESCRIPTION	PART NO.

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CHK P. DAMATO 08JAN2009		APVD M. PERCHERIE 08JAN2009	NAME	
DIMENSIONS:		PRODUCT SPEC	SOCKET CONNECTOR ASSEMBLY W/LATCHES MC-P9S10	
mm		APPLICATION SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		WEIGHT	SIZE	CAGE CODE
0 PLC ±.5		-	A1	00779
1 PLC ±.5		-	C	1651864
2 PLC ±.25		-	SCALE	4:1
3 PLC ±.25		-	SHEET	1 OF 4
4 PLC ±.25		-	REV	B1
ANGLES		-	RESTRICTED TO	
FINISH		-	CUSTOMER DRAWING	

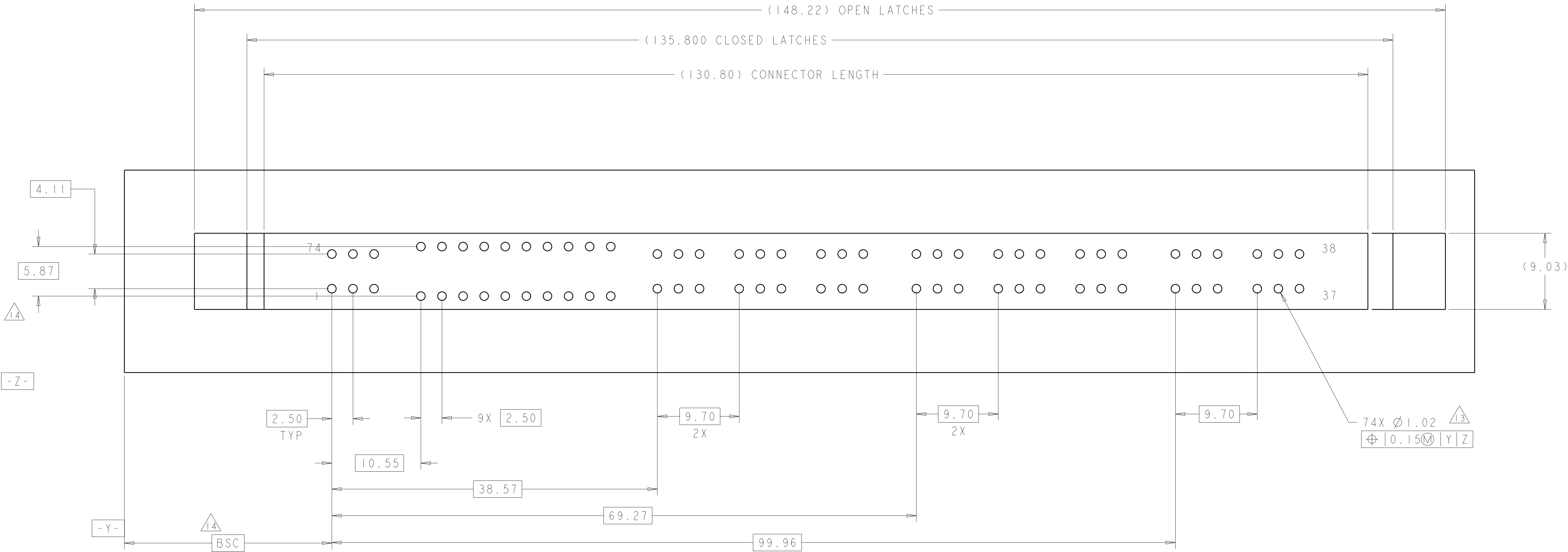
LOC		DIST		REVISIONS					
GP		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-



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CHK P. DAMATO 08JAN2009		APVD M. PERCHERIE 08JAN2009	NAME SOCKET CONNECTOR ASSEMBLY W/LATCHES MC-P9S10	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.25 4 PLC ±.5 ANGLES ±.5 FINISH	PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING	
MATERIAL -		-	SIZE A100779	CAGE CODE C=1651864
SCALE 4:1		SHEET 2	OF 4	REV B1

AMP 4805 REV 31MAR2000

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



RECOMMENDED P.C. BOARD GUIDELINE
AS VIEWED FROM THE CONNECTOR SIDE

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DIMENSIONS:		CHK P. DAMATO 08JAN2009	NAME	
mm		APVD M. PERCHERET 08JAN2009	SOCKET CONNECTOR ASSEMBLY W/LATCHES MC-P9S10	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	SIZE	
0 PLC ±.5		APPLICATION SPEC	CAGE CODE	
1 PLC ±.5		WEIGHT	DRAWING NO	
2 PLC ±.25		CUSTOMER DRAWING	A100779C=1651864	
3 PLC ±.25		SCALE	4:1	
4 PLC ±.5		SHEET	4 OF 4	
ANGLES		REV	B1	
FINISH				