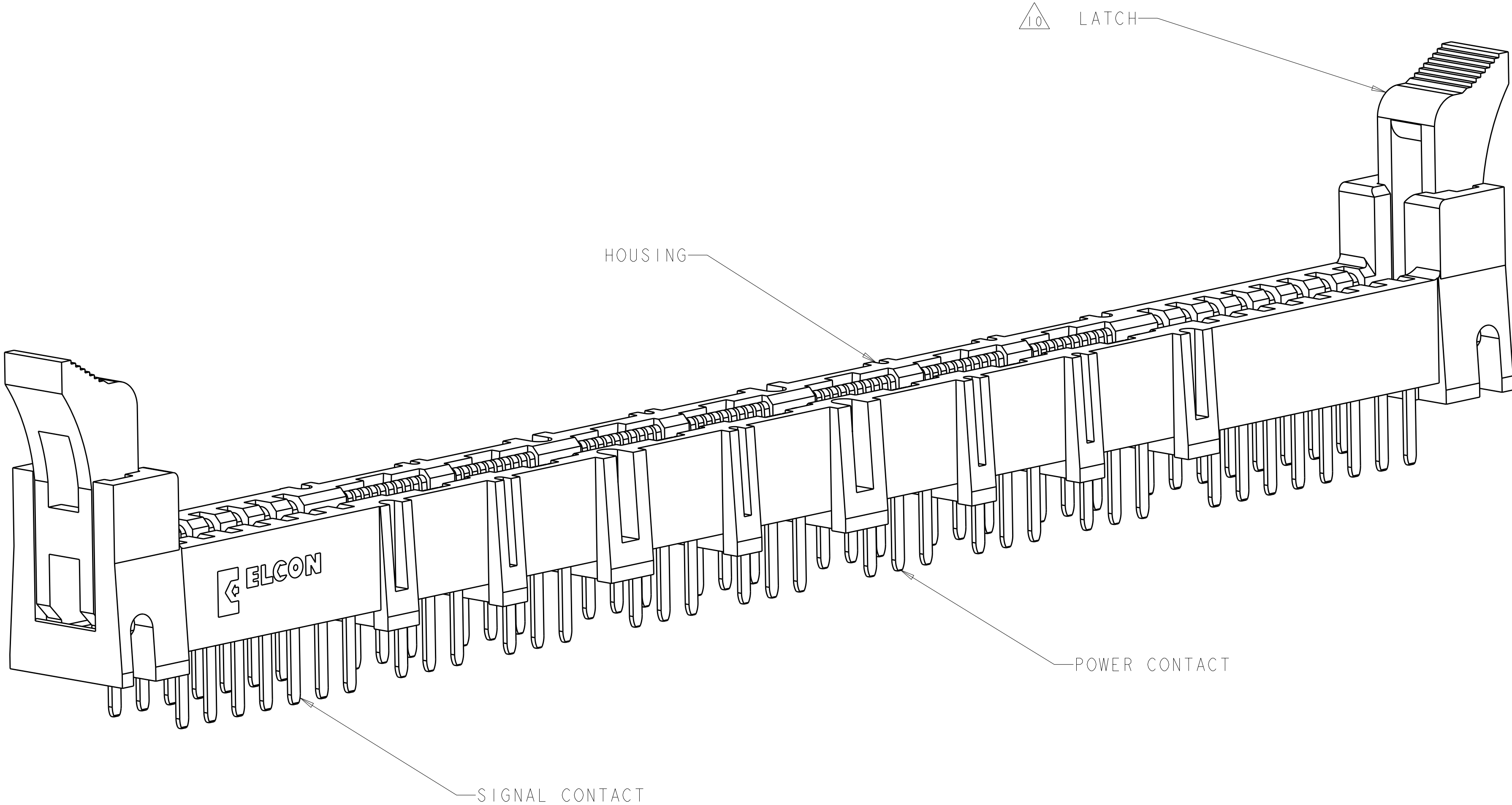


LOC		DIST		REVISONS				
GP	00	F	LYR	DESCRIPTION	DATE	DWN	APVD	
		F		REV PER ECO-09-027020	08JAN2010	RG	MS	



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.

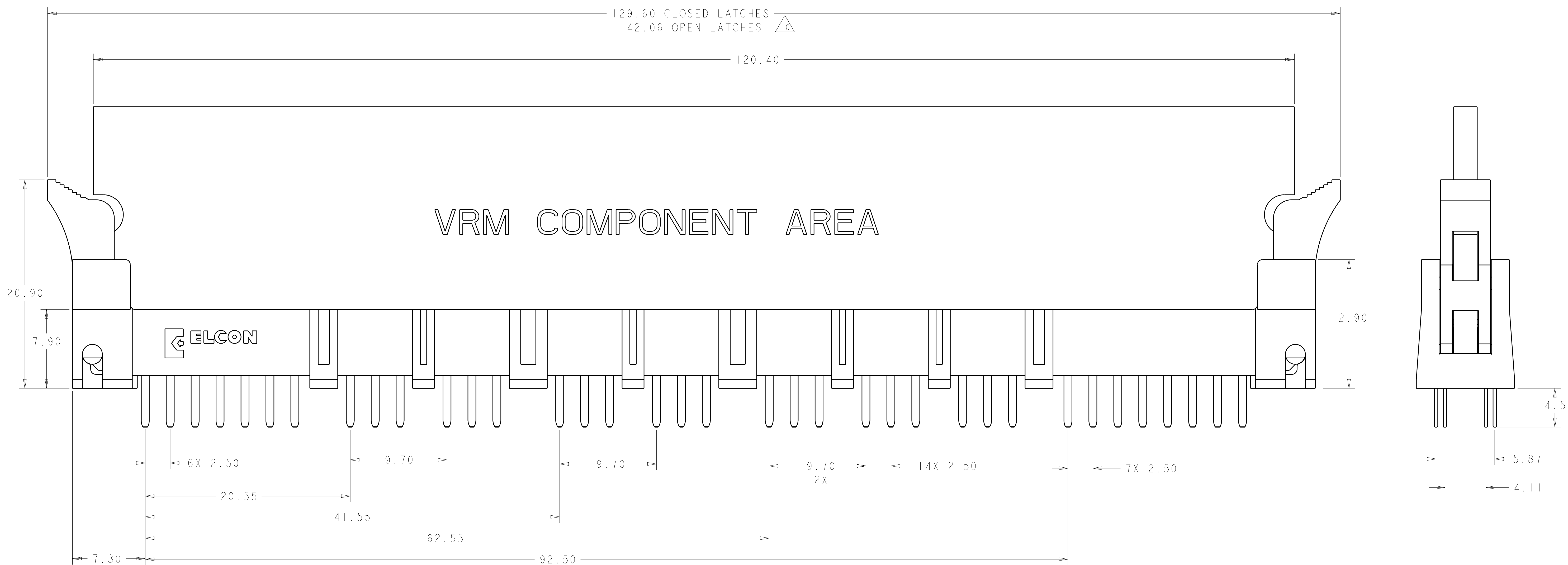
12. FOR DESIGN OBJECTIVES SEE 108-2301.

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)

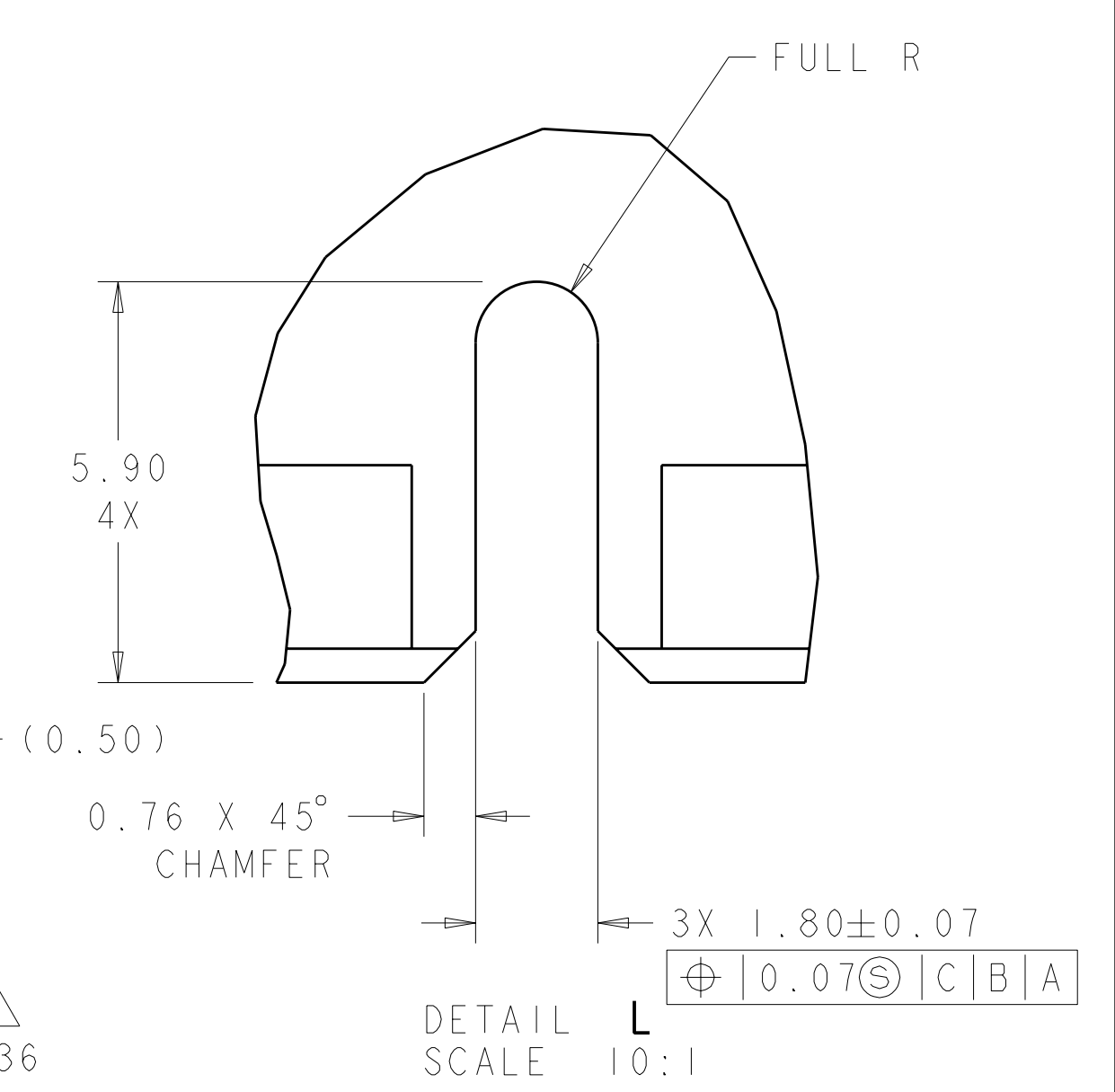
14 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

AS SHOWN	1766308-1
DESCRIPTION	PART NO.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN	08JAN09	Tyco Electronics Harrisburg, PA 17105-3608	
mm		0 PLC ±.5 1 PLC ±.25 2 PLC ±.25 3 PLC ±.25 4 PLC ±.0001 ANGLES ±.5		CHK	08JAN09		
MATERIAL		FINISH		APVD	08JAN09	NAME	
				P.DAMATO		CHAU/PERCHERRE	
						PRODUCT SPEC	
						APPLICATION SPEC	
						SIZE CAGE CODE DRAWING NO	
						RESTRICTED TO	
						A100779C=1766308	
						CUSTOMER DRAWING	
						SCALE 5:1 SHEET 1 OF 4 REV F	

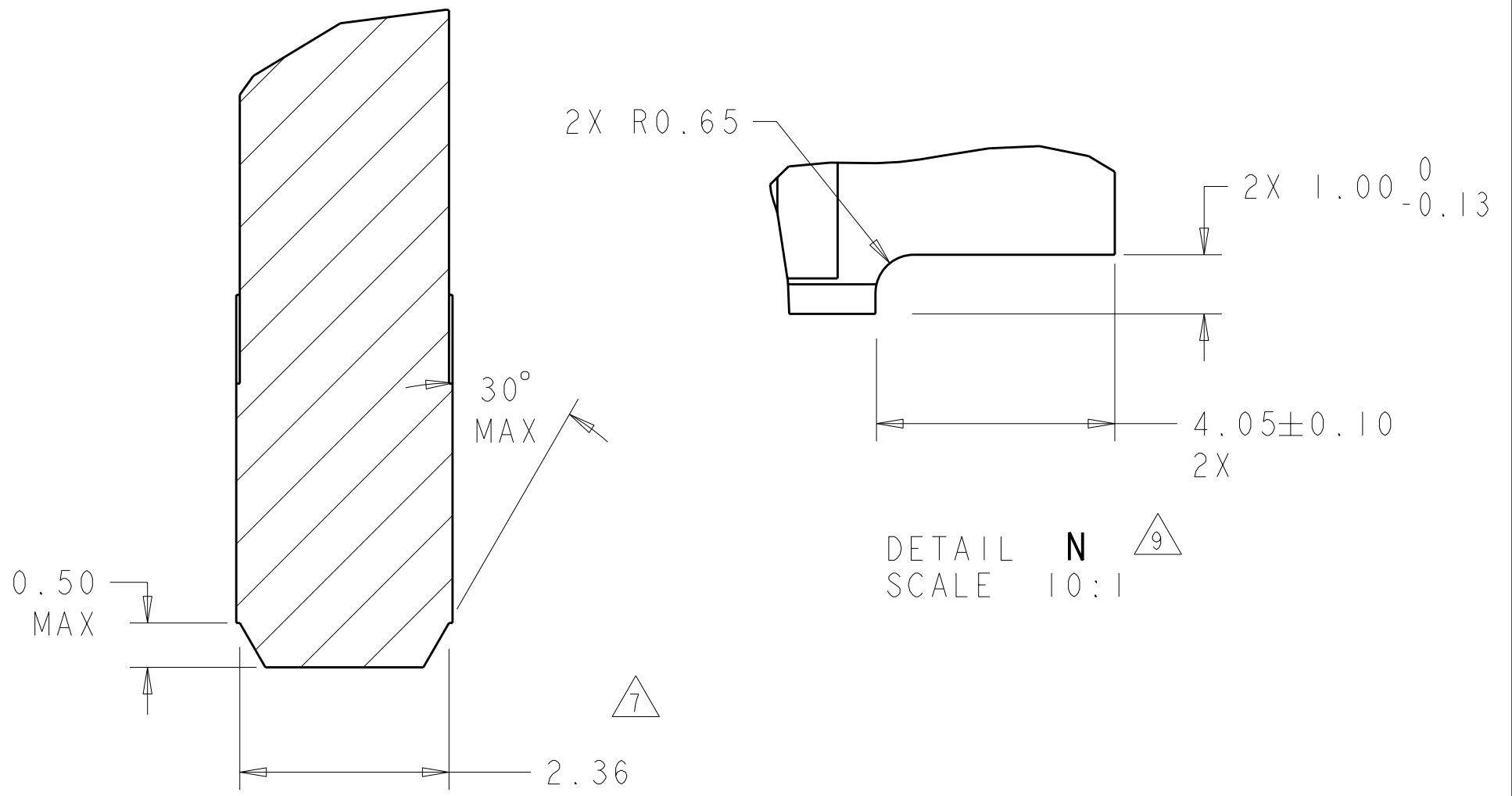


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DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .1$ 1 PLC $\pm .5$ 2 PLC $\pm .25$ 3 PLC $\pm .1$ 4 PLC $\pm .1$ ANGLES $\pm .5$		CHN 08JAN09 DAMATO	
		APPLD CHAU/PERCHERRE		NAME SOCKET CONNECTOR ASSEMBLY W/LATCHES MC-PI4S30, MINI CROWN EDGE	
MATERIAL -		FINISH -		SIZE CASE CODE DRAWING NO A100779C1766308	
WEIGHT -		CUSTOMER DRAWING -		SCALE 5:1 SHEET 2 OF 4 REV F	



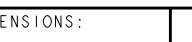
SECTION T-T
SCALE 15:1

RECOMMENDED MATING BOARD



SECTION W - W
SCALE 15:1

RECOMMENDED PC BOARD KEEP OUT AREA

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DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± . 1 PLC ± .5 2 PLC ± .25 3 PLC ± . 4 PCL ±0.0001 ANGLES ± .5		CHW P. DAMATO 08JAN09 NAME	
mm 		APVD CHAU/PECHERKE 08JAN09 PRODUCT SPEC		SOCKET CONNECTOR ASSEMBLY W/LATCHES MC-PI4S30, MINI CROWN EDGE	
APPLICATION SPEC		APPLICATION SPEC		SIZE CASE CODE DRAWING NO RESTRICTED TO	
MATERIAL - FINISH		WEIGHT -		A 00779 ©=1766308 -	
CUSTOMER DRAWING		SCALE 5:1		SHEET 3 OF 4 REV F	



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DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.5 2 PLC ±.25 3 PLC ± 4 PCL ±0.0001 ANGLES ±.5		CHN P. DAMATO 08JAN09 NAME	
		CHAU/PERCHERRE PRODUCT SPEC		SOCKET CONNECTOR ASSEMBLY W/LATCHES MC-PI4S30, MINI CROWN EDGE	
MATERIAL -		APPLICATION SPEC -		SIZE CASE CODE DRAWING NO RESTRICTED TO A 00779 ©=1766308 -	
FINISH -		WEIGHT -		CUSTOMER DRAWING SCALE 5:1 SHEET 4 OF 4 REV F	