

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		E	REV PER ECO-08-032072	19JAN2009	CR	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:
INSULATORS: THERMOPLASTIC, GLASS REINFORCED
UL94V-0 FLAMMABILITY RATED.
CONTACTS: COPPER ALLOY

3. FINISHES:
CONTACT PLATING: SELECTIVE GOLD: 0.76µm MIN THK
OVER NICKEL: 1.27µm MIN THK
PCB TERMINATION: TIN PLATED, MATTE FINISH: 1.78µm MIN THK
OVER NICKEL: 1.27µm MIN THK

4. CONNECTOR ACCEPTS 2.36±0.13 THK PCB.

KEEP OUT AREA FOR COMPONENTS ONLY.

FEATURE REQUIRED FOR USE WITH LATCH.

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.

RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

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

10. ITEMS PROVIDED TO THIS SPECIFICARION TO BE PERMANENTLY IDENTIFIED PER THE FOLLOWING IDENTIFIER:

TYCO ELECTRONICS PN

DATE CODE (e.g. 0425)

YEAR

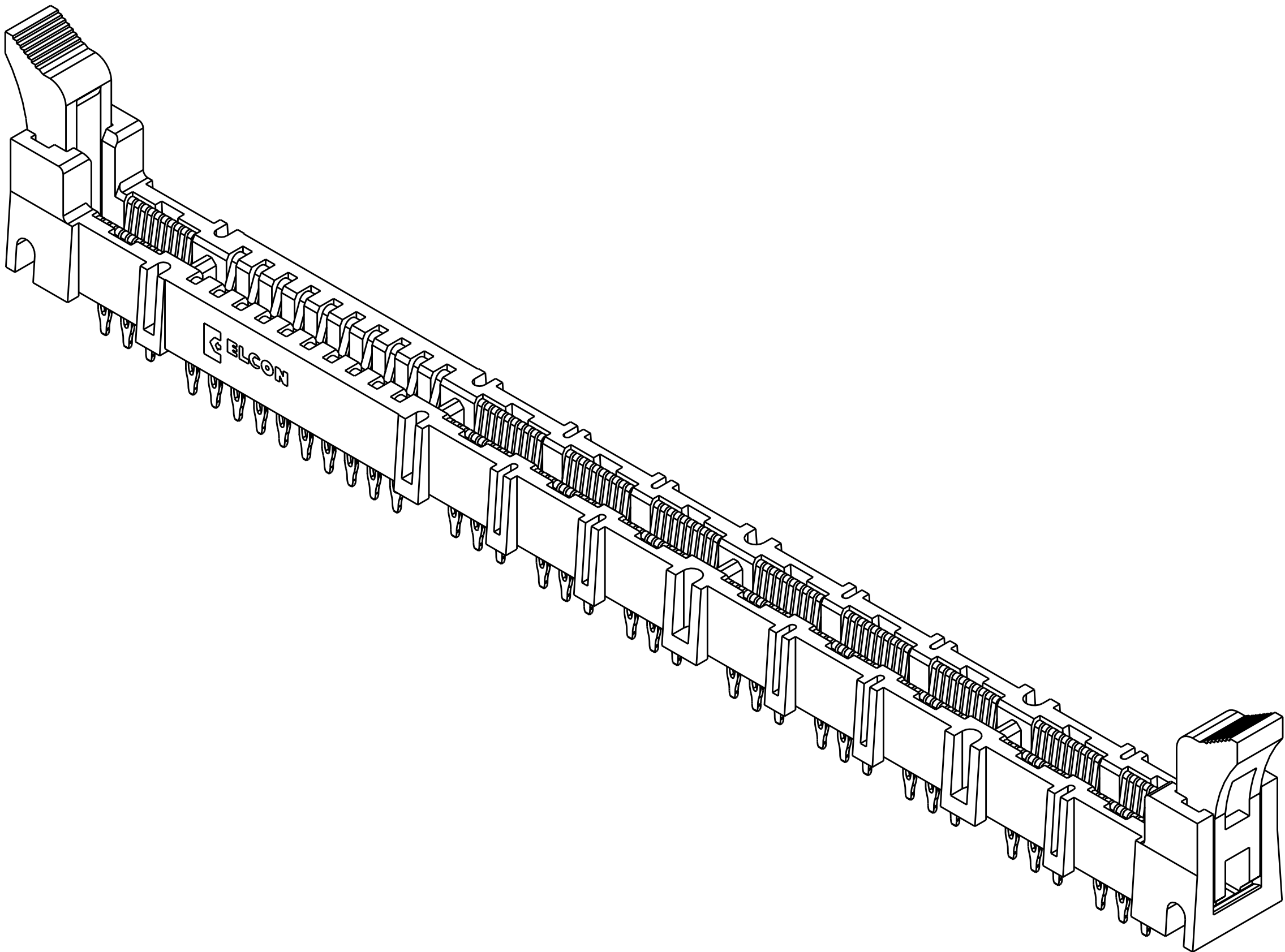
WEEK

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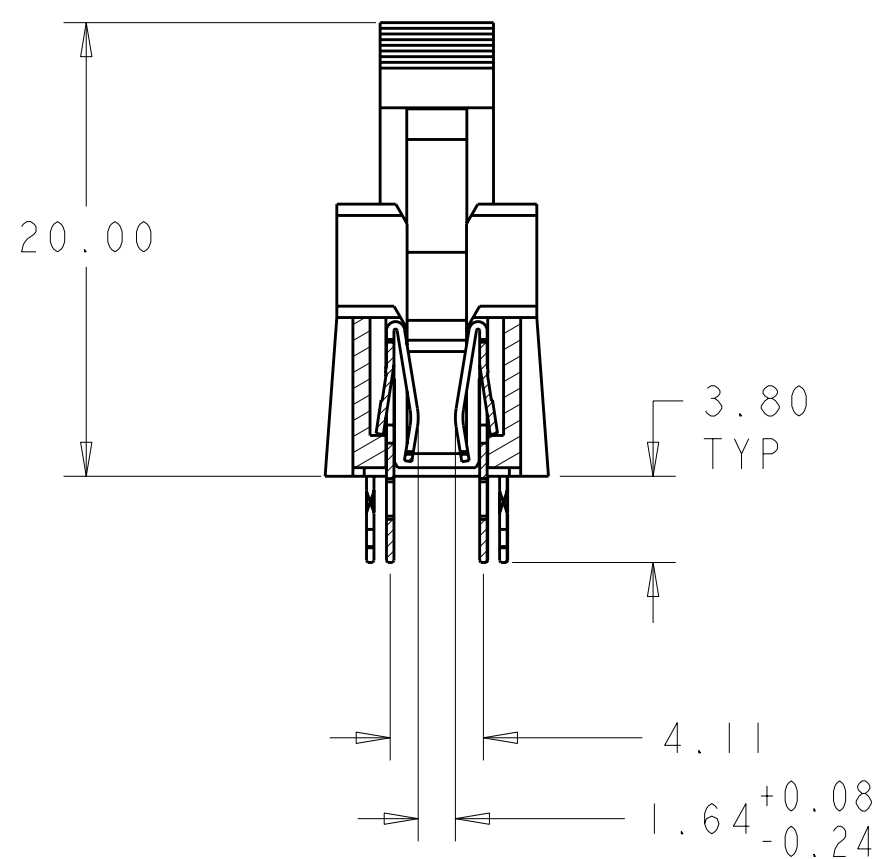
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11. REFERENCE TYCO ELECTRONICS PN 1766443-1

RECOMMENDED PRINTED CIRCUIT HOLE:
FINISHED HOLE: Ø1.02±0.08
DRILLED HOLE: Ø1.15±0.013
COPPER PLATE: 0.025 MINIMUM (PER SURFACE)
TIN PLATE: 0.008 MINIMUM (PER SURFACE)



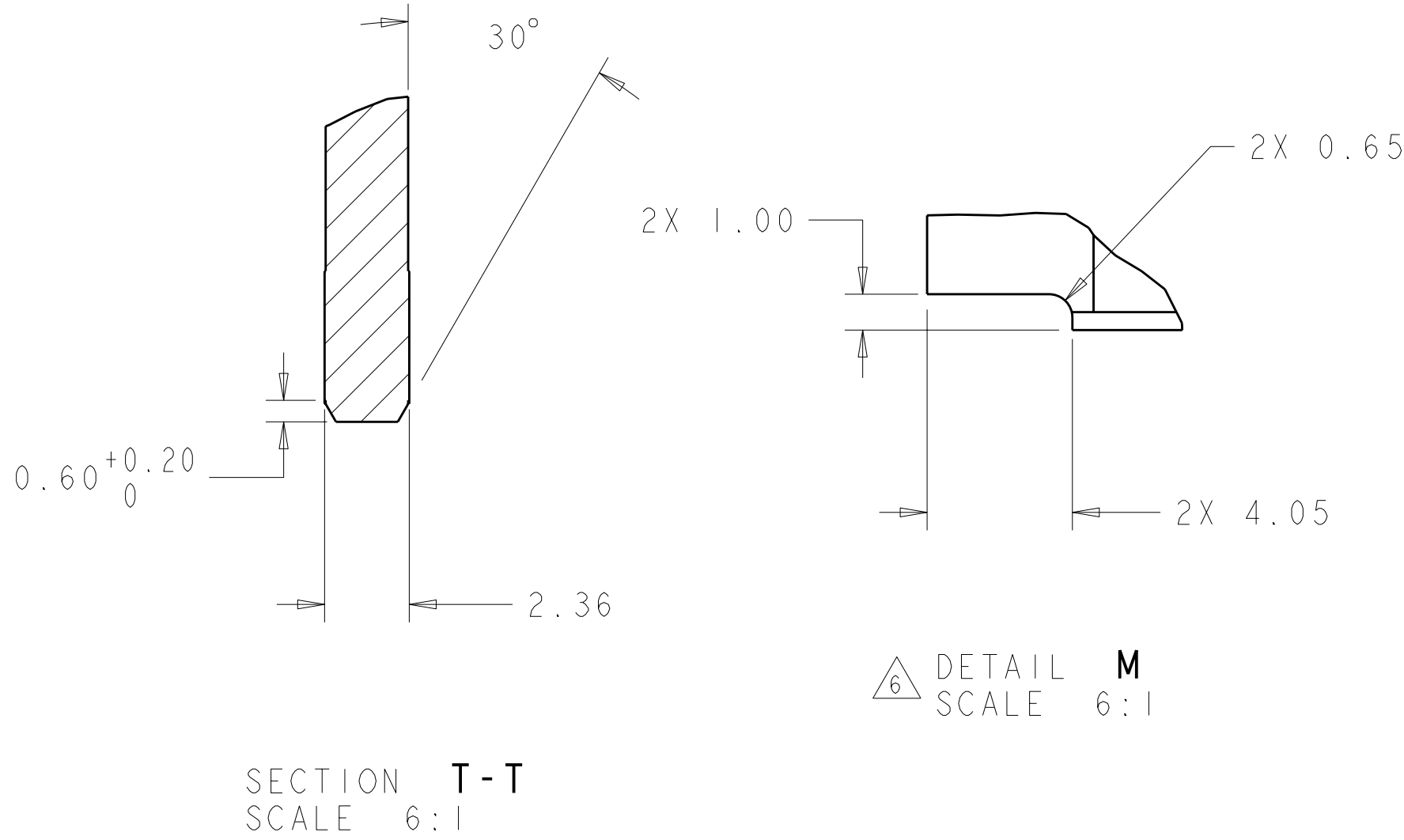
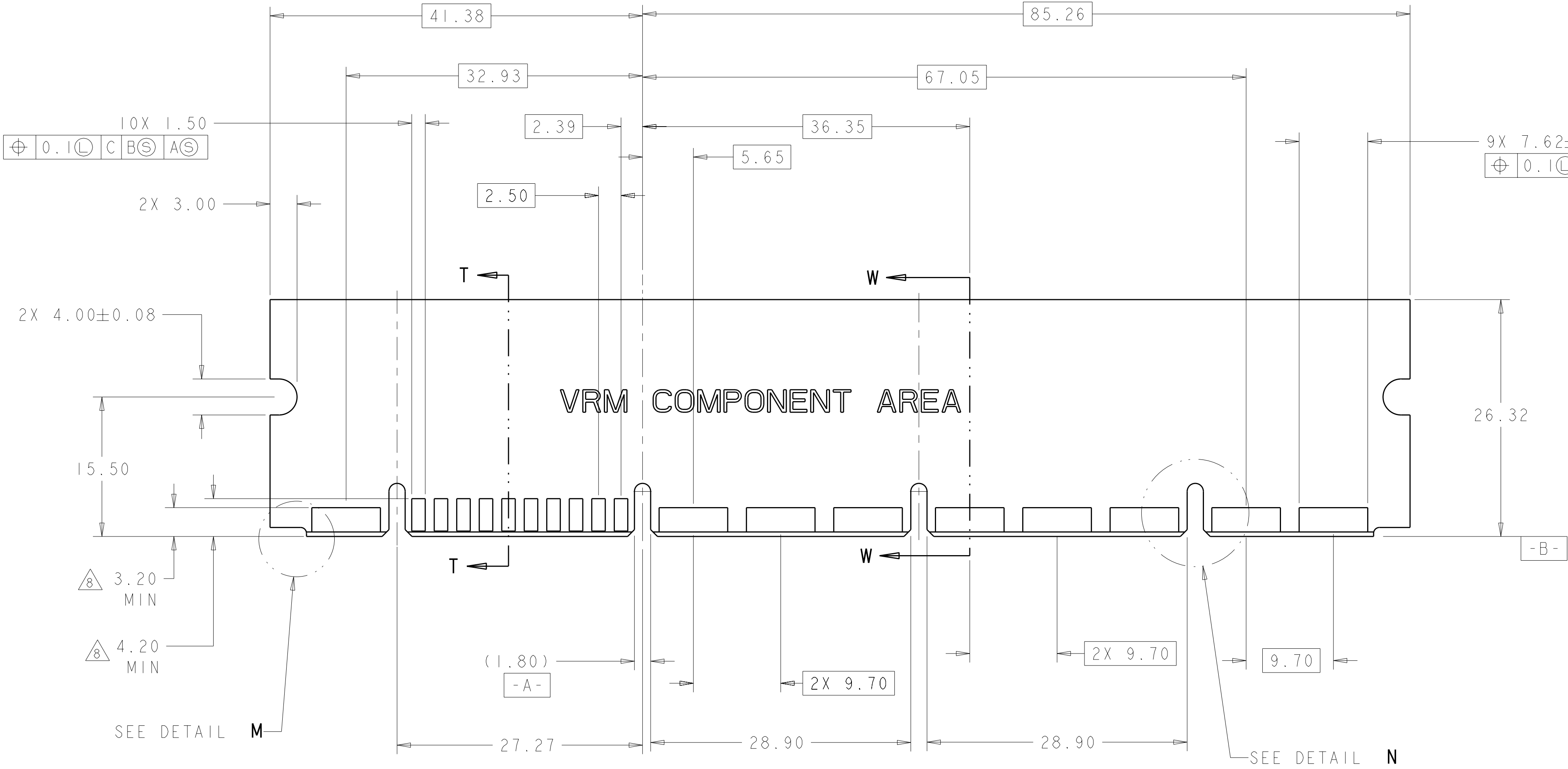
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DIMENSIONS: mm		CHK P. DAMATO 19JAN2009	NAME MC-P9S10 MINI CROWNEDGE SOCKET CONNECTOR, COMPLIANT TAIL	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±.5 2 PLC ±.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.5 FINISH		APVD M. PERCHERKE 19JAN2009	RESTRICTED TO	
MATERIAL -		PRODUCT SPEC -	SIZE A100779	
CUSTOMER DRAWING		APPLICATION SPEC -	DRAWING NO C=1766443	
SCALE 3:1		WEIGHT -	SHEET 1 OF 4	
			REV E	



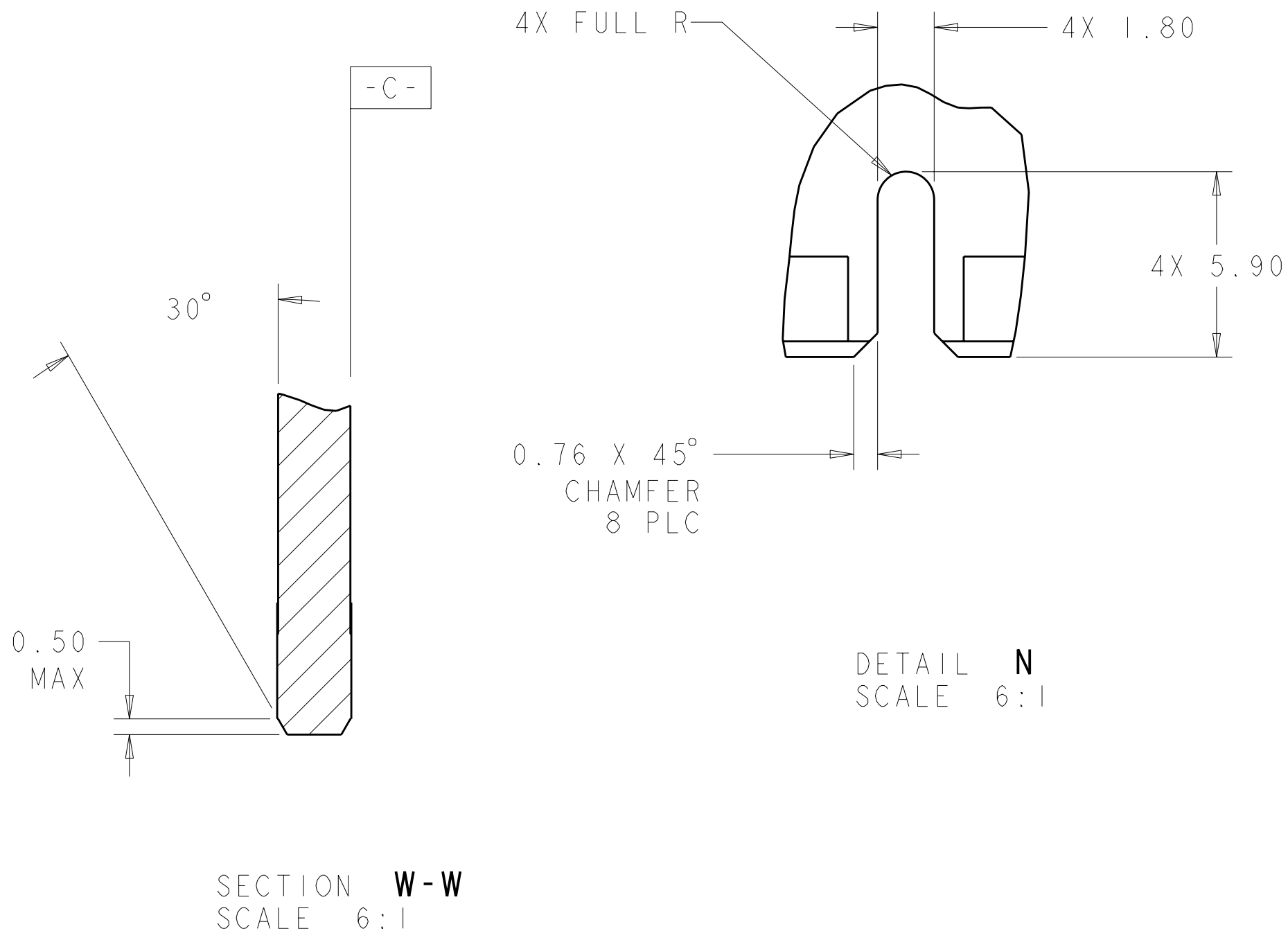
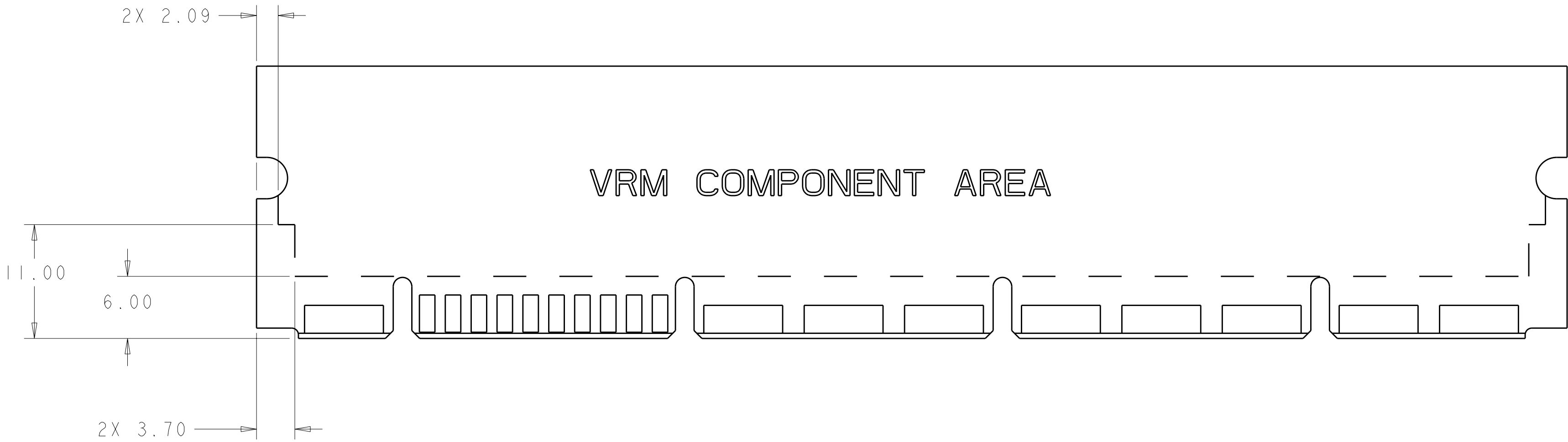
Technical drawing of a VRM component area. The drawing shows a rectangular component with a central area labeled "VRM COMPONENT AREA". The component has a top edge with a dimension of 135.80 CLOSED LATCHES and 148.25 OPEN LATCHES. The bottom edge has a dimension of 100.00. The left side has a dimension of 8.05 and a note "2.50 TYP". The right side has a dimension of 9.70. The central area has a dimension of 69.30. The component is divided into sections with dimensions 10.55, 38.60, 2X 9.70, and 2X 9.70. The component is labeled "ELCON".

AMP 4805 REV 31MAR2000

LOC		DIST		REVISIONS			
P	L	Y	R	DESCRIPTION	DATE	OWN	APVD
-	-	-	-	SEE SHEET 1	-	-	-



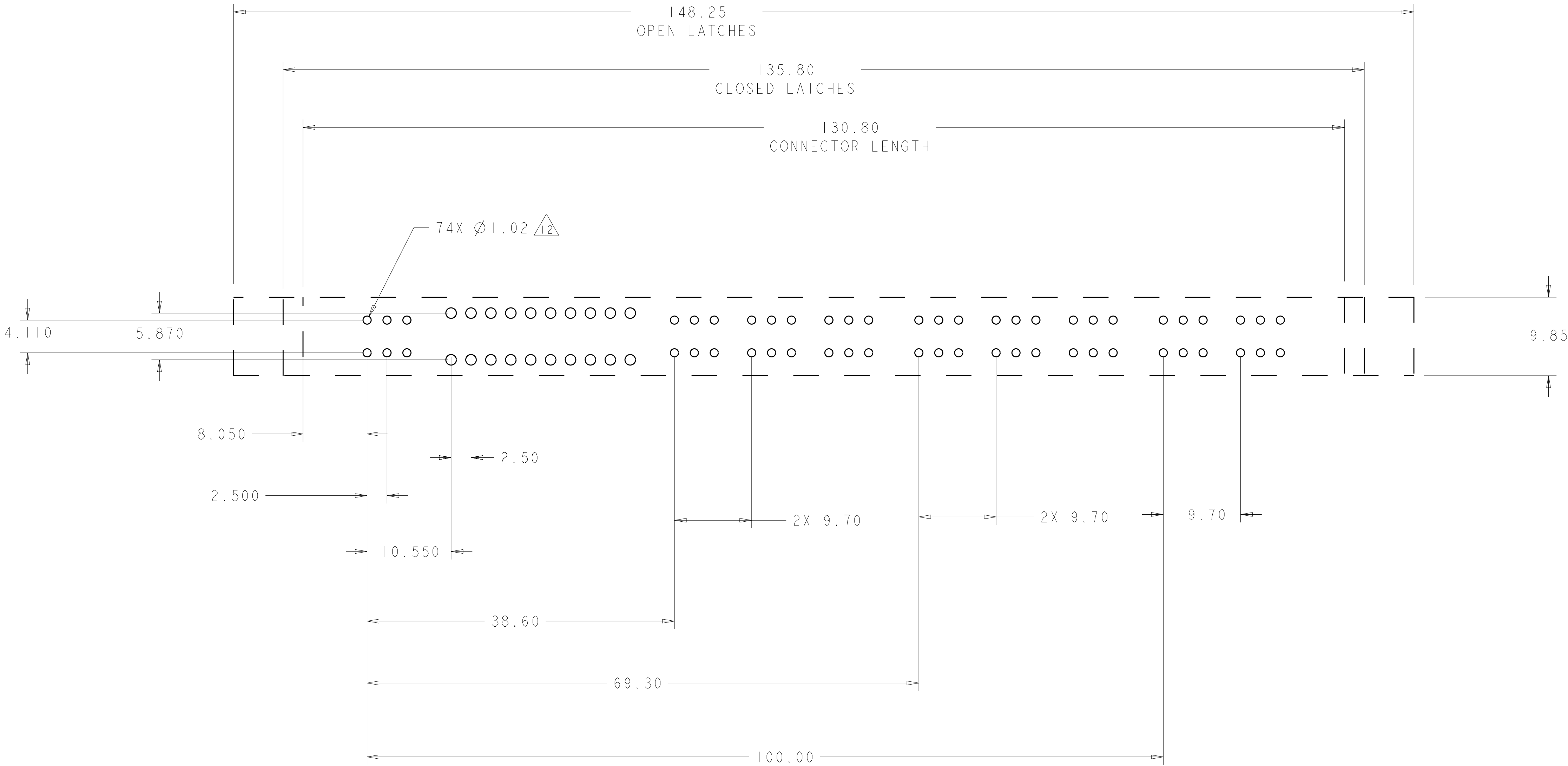
RECOMMENDED MATING BOARD



RECOMMENDED PCB KEEP OUT AREA

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DIMENSIONS:		CHK P. DAMATO 19JAN2009	NAME	
mm		APVD M. PERCHERKE 19JAN2009	MC-P9S10 MINI CROWNEDGE SOCKET CONNECTOR, COMPLIANT TAIL -	

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



RECOMMENDED PCB LAYOUT

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DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

9 PLC ±.5

1 PLC ±.5

2 PLC ±.25

3 PLC ±.5

4 PLC ±.5

ANGLES ±.5

FINISH -

APVD

M. PERCHERKE

WEIGHT

-

CUSTOMER DRAWING

DWN

C. ROHLER

19JAN2009

CHK

P. DAMATO

19JAN2009

NAME

MC-P9S10 MINI CROWNEDGE SOCKET CONNECTOR, COMPLIANT TAIL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

3:1

SHEET

4

OF

4

REV

E

Tyco Electronics

Harrisburg, PA 17105-3608

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1766443-1](#)