

LOC		DIST		REVISIONS				
GP	00	P	LTR	DESCRIPTION		DATE	OWN	APVD
			A	REV PER ECO-09-028456		30DEC2009	RG	MS
			B	REV PER ECO-10-006321		30MAR2010	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
UL94 -V0 FLAMMABILITY RATED
LATCHES: THERMOPLASTIC, GLASS REINFORCED,
COLOR: BLACK, UL94 -V0
CONTACTS: COPPER ALLOY

3. FINISH:
SIGNAL CONTACTS:
1.27µm MIN NICKEL PLATE ALL OVER EXCEPT IN MATING AREA
MATING AREA : 0.76µm MIN GOLD OVER 3.81µm MIN NICKEL
SOLDER TAILS: 2.0µm MIN TIN OVER NICKEL PLATE
POWER CONTACTS:
1.27µm MIN NICKEL PLATE ALL OVER
MATING AREA: 0.76µm MIN GOLD OVER NICKEL PLATE
SOLDER TAILS: 3.05µm MIN TIN OVER NICKEL PLATE

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.

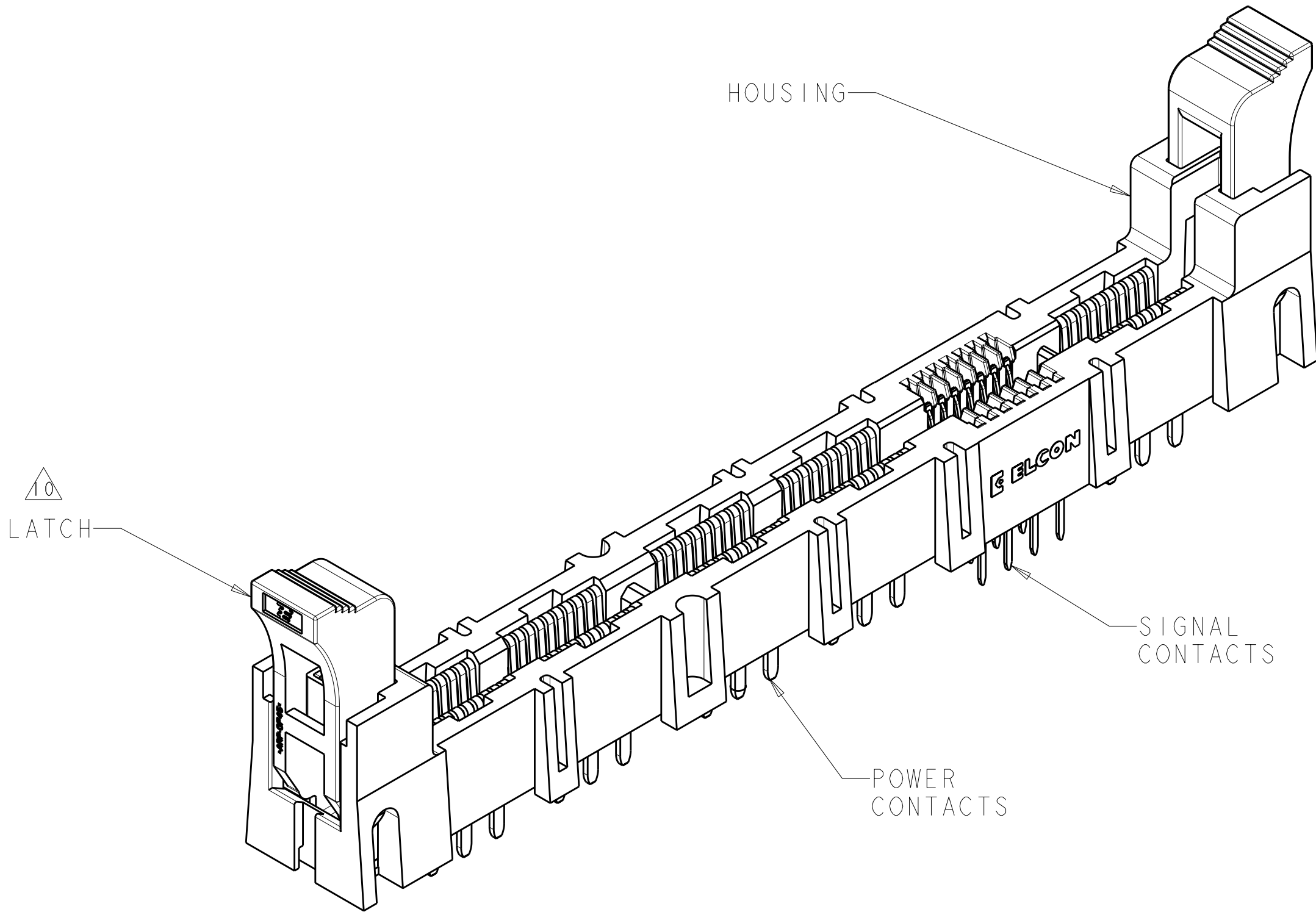
11. RECOMMENDED GOLD FINGER LENGTH FOR RELIABLE CONTACT.

12. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

13. APPLY SOLDERMASK TO COVER TRACES ROUTED WITHIN SIGNAL CONTACTS TAIL REGION.

14. RECOMMENDED PRINTED CIRCUIT BOARD HOLE:
FINISHED HOLE: Ø1.02±0.05
DRILLED HOLE : Ø1.15±0.013
COPPER PLATE : 0.025 - 0.050 (PER SURFACE)
TIN PLATE : 0.0005 MIN (PER SURFACE)

15. RECOMMENDED PRINTED CIRCUIT BOARD HOLE:
FINISHED HOLE: Ø0.56±0.05
DRILLED HOLE : Ø0.65±0.018
COPPER PLATE : 0.025 - 0.050 (PER SURFACE)
TIN PLATE : 0.0005 MIN (PER SURFACE)

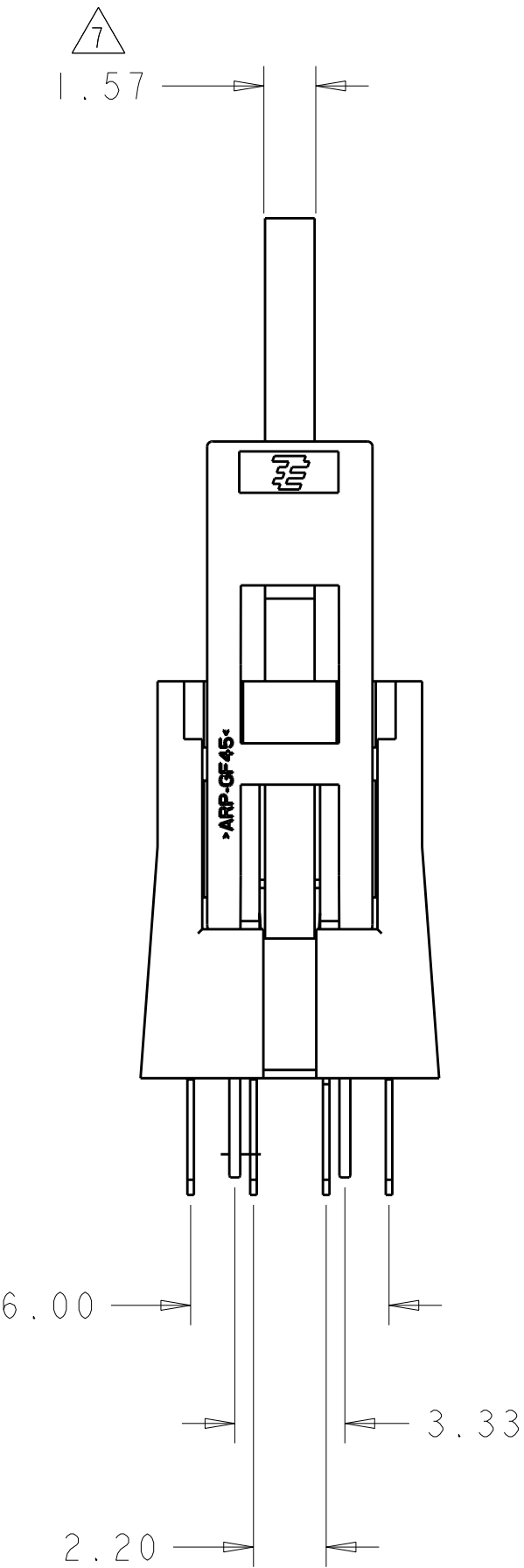
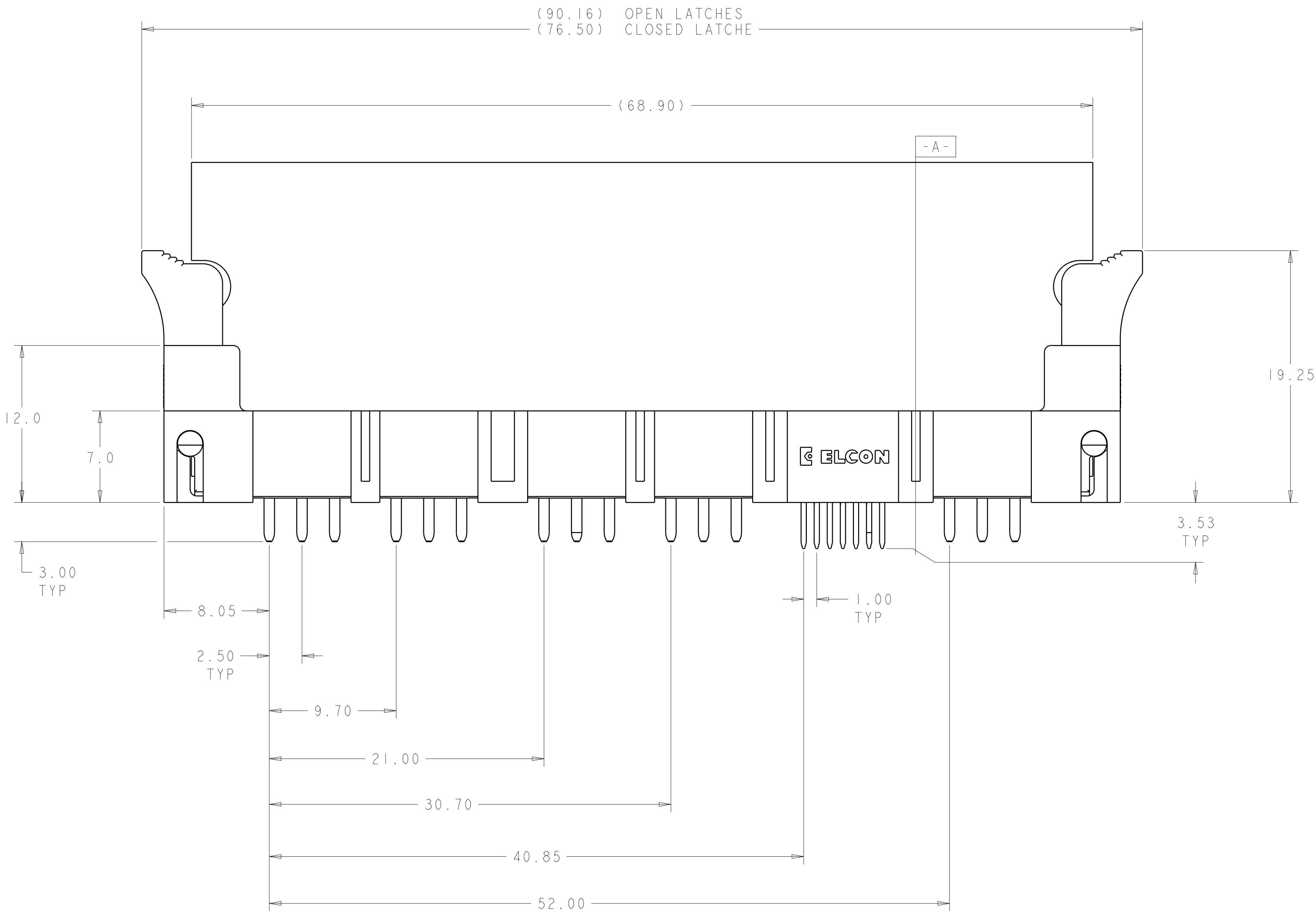
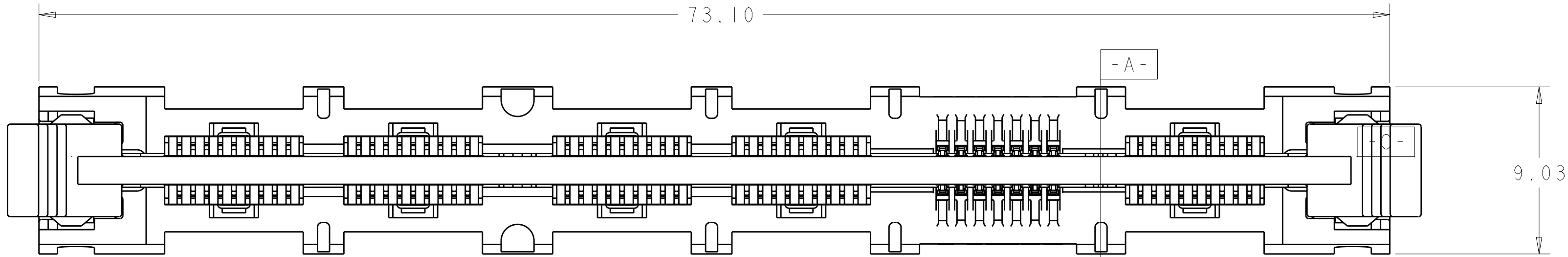


ISOMETRIC VIEW 2085296-1
SCALE 4:1

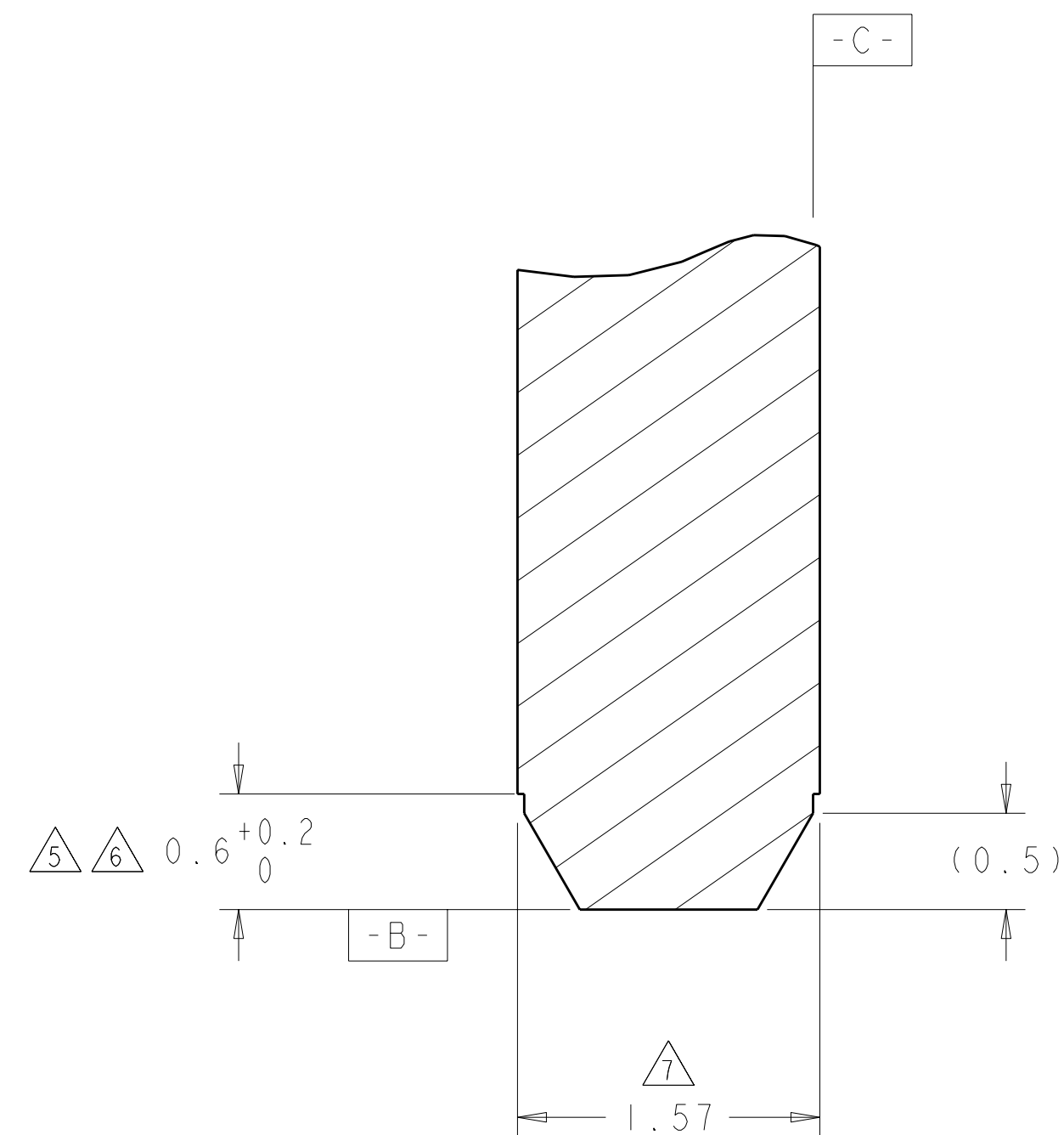
AS SHOWN	2085296-1
DESCRIPTION	PART NUMBER

TYPICAL DIMENSIONS TO BE OBSERVED FOR THIS ELECTRONIC COMPONENT IF THE DIMENSIONS ARE CHANGED THE CUSTOMER'S ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN R. GRZYBOWSKI CHK R. LONDON APVD M. PERCHERKE	16SEP09 16SEP09 16SEP09	Tyco Electronics Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		9 PLC ±.5 2 PLC ±0.5 2 PLC ±0.25 2 PLC ±.5 4 PLC ±.5 ANGLES ±.2		CONNECTOR, SOCKET WITH LATCH STRAIGHT, SOLDER TAIL MCE-P577 MINI CROWN EDGE	
		PRODUCT SPEC		APPLICATION SPEC	
MATERIAL		FINISH		SIZE	
2		3		CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				A100779C=2085296	
				SCALE	
				5:1	
				SHEET	
				1 OF 4	
				REV B	

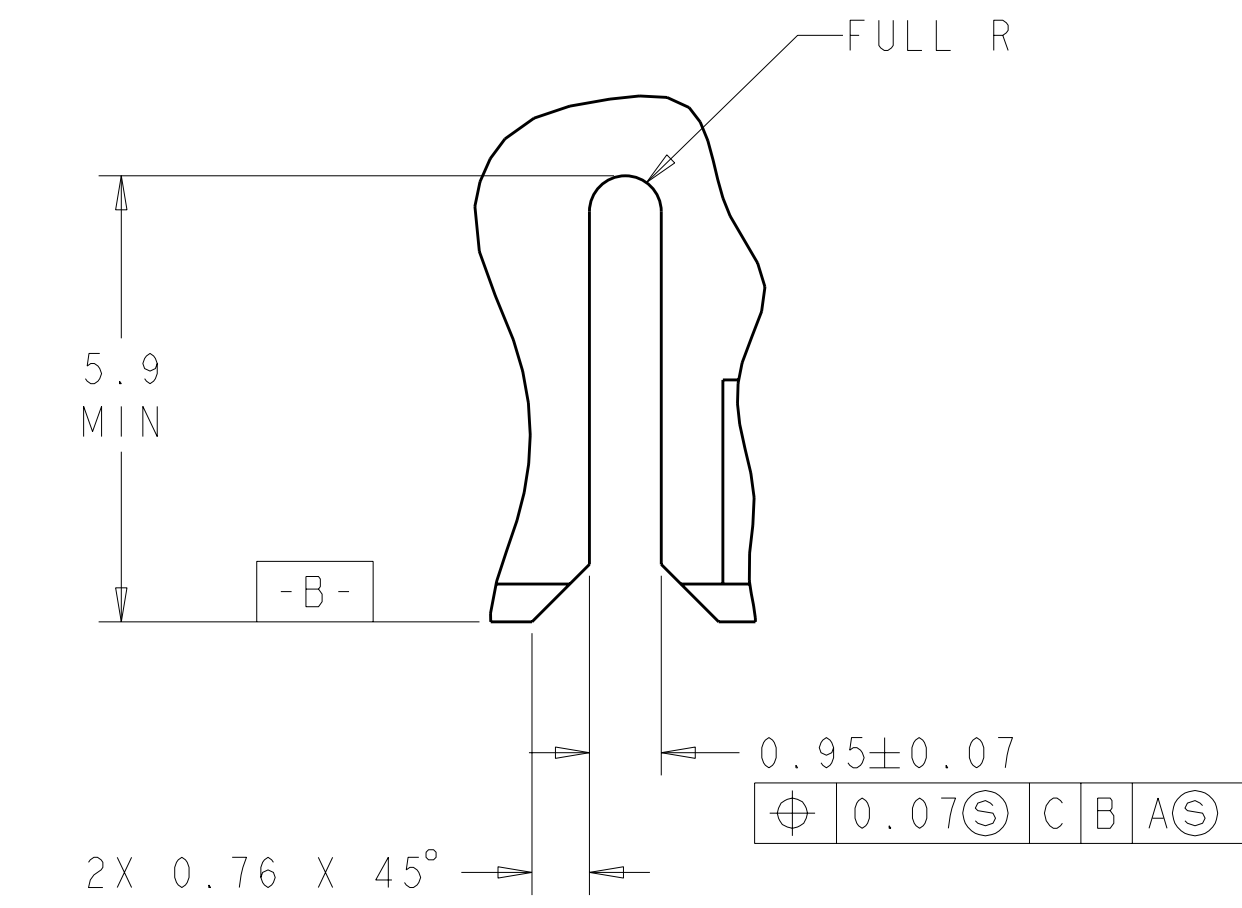
LOC		DIST		REVISIONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-	-	SEE SHEET 1	-	-	-



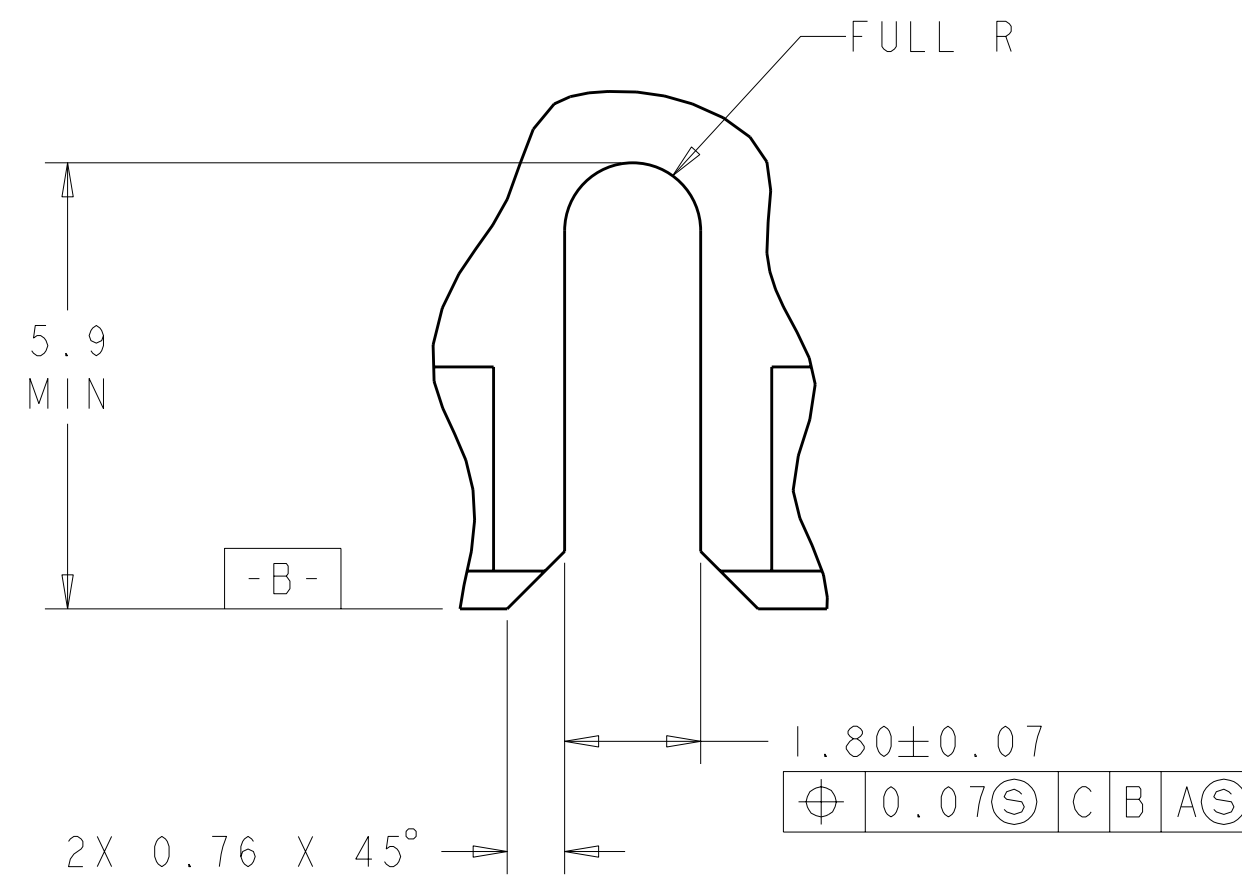
THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE DRAWING. IT IS TO BE RETURNED TO TYCO ELECTRONICS CORPORATION IF IT IS FOUND IN ANY OTHER HANDS. IT IS TO BE DESTROYED IF IT IS FOUND IN ANY OTHER HANDS. IT IS TO BE DESTROYED IF IT IS FOUND IN ANY OTHER HANDS. IT IS TO BE DESTROYED IF IT IS FOUND IN ANY OTHER HANDS.				DWN R. GRZYBOWSKI 16SEPT09	Tyco Electronics Harrisburg, PA 17105-3608		
DIMENSIONS: mm				CHK R. LONDON 16SEPT09	NAME CONNECTOR, SOCKET WITH LATCH STRAIGHT, SOLDER TAIL MCE-P557 MINI CROWN EDGE		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 2 PLC ±0.25 3 PLC ±.5 4 PLC ±.5 ANGLES ±.2				APVD M. PERCHERKE 16SEPT09			
MATERIAL				PRODUCT SPEC	SIZE A100779		
FINISH				APPLICATION SPEC			
CUSTOMER DRAWING				WEIGHT -	DRAWING NO C=2085296		
				SCALE 5:1	SHEET 2 OF 4		
					REV B		



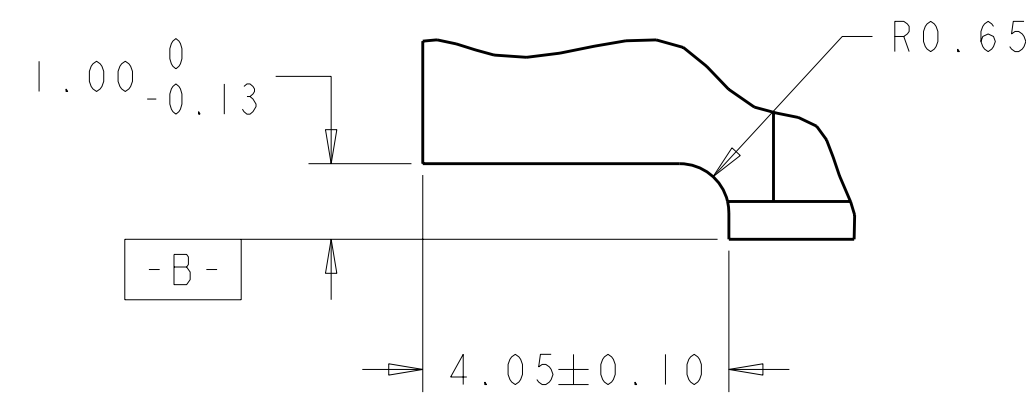
DETAIL L
SCALE 10:1



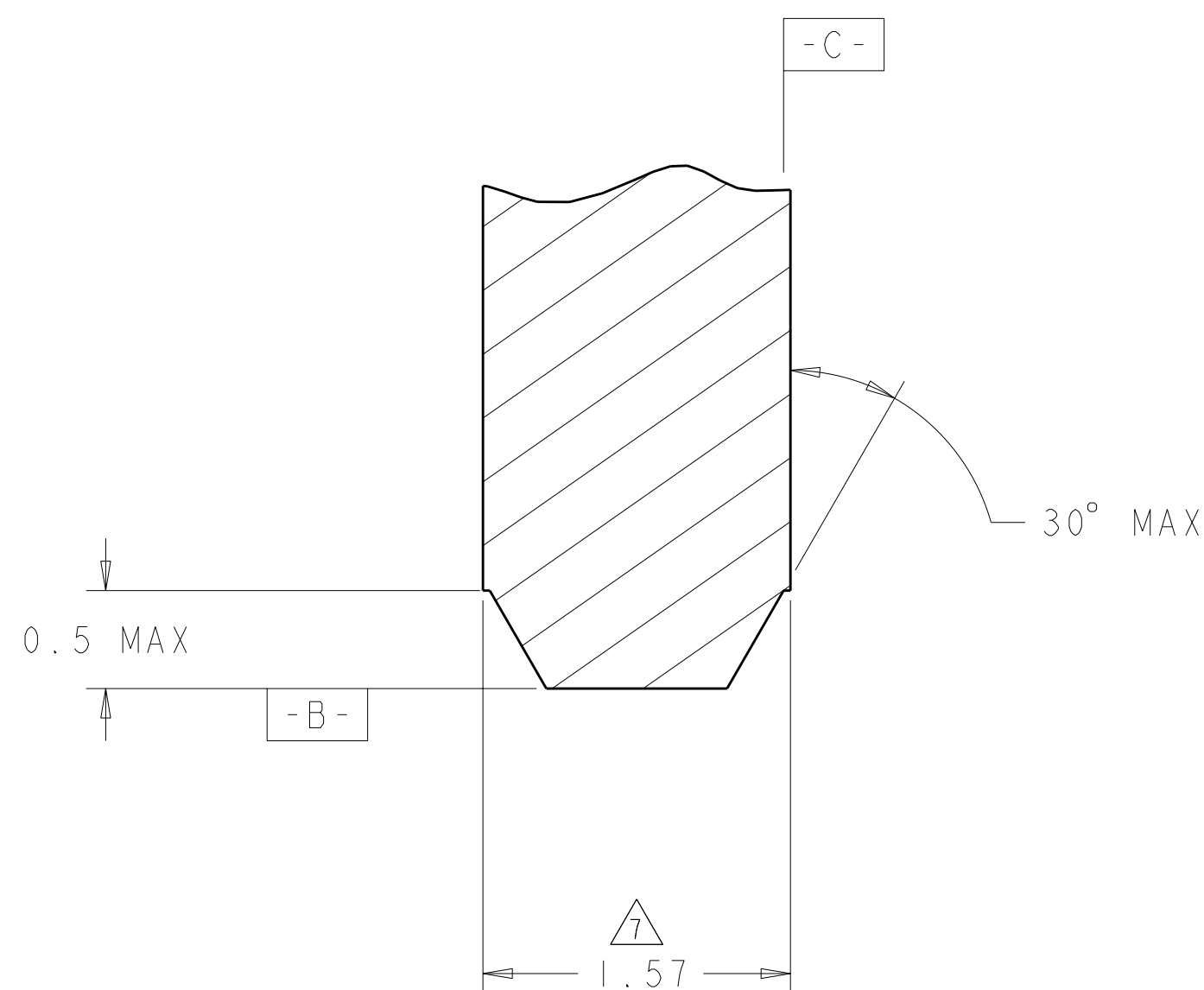
2X 0.76 X 45°



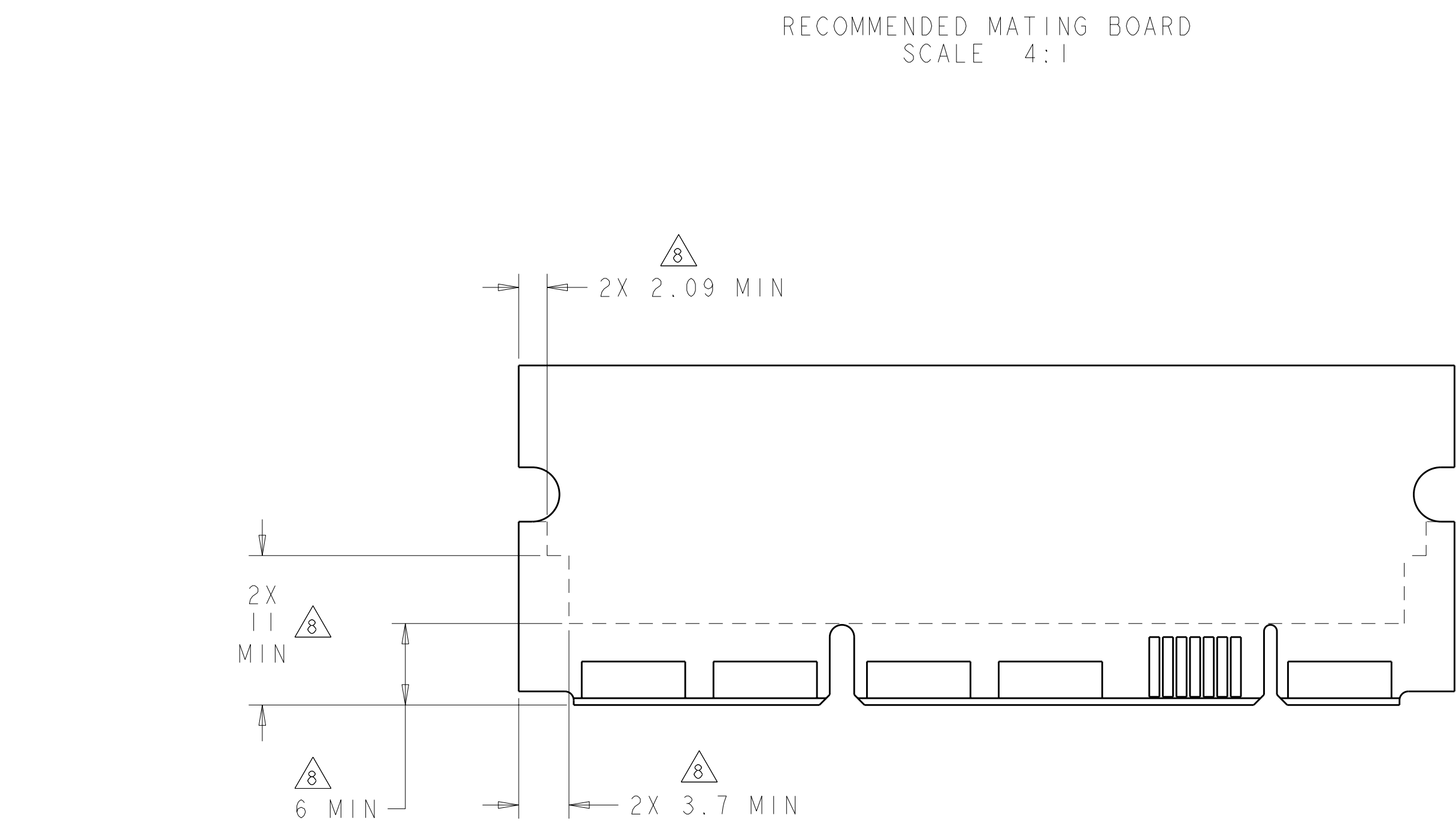
DETAIL M
SCALE 10:1



DETAIL N
2X TYPICAL
SCALE 10:1



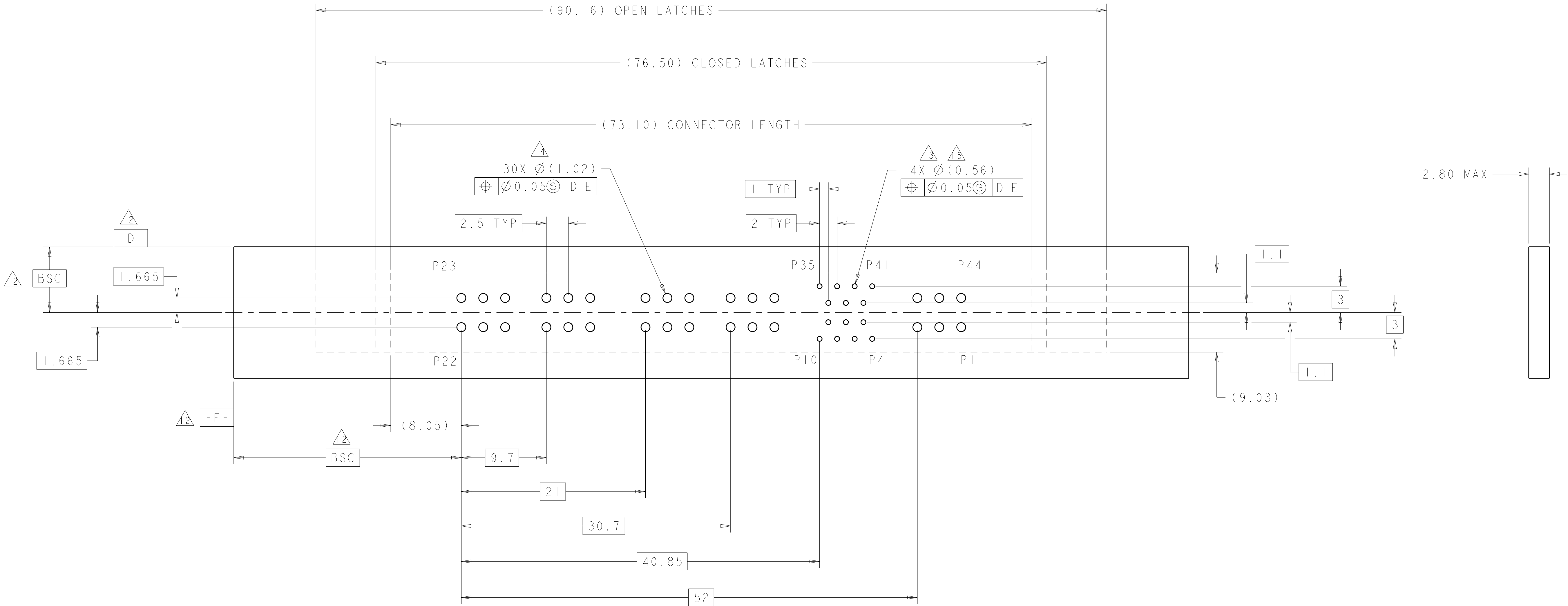
SECTION T-T
SCALE 30:1



RECOMMENDED PC BOARD KEEP OUT AREA
SCALE 3:1

[illegible]

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



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT
SCALE 4:1

THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE DRAWING. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION, ALL RIGHTS ARE RESERVED.		DWN R. GRZYBOWSKI 16SEPT09	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		CHK R. LONDON 16SEPT09	NAME CONNECTOR, SOCKET WITH LATCH STRAIGHT, SOLDER TAIL MCE-P557 MINI CROWN EDGE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLG ±.5 1 PLG ±0.25 2 PLG ±.5 3 PLG ±.5 4 PLG ±.5 ANGLES ±2 FINISH		APVD M. PERCHERKE 16SEPT09	RESTRICTED TO	
MATERIAL		PRODUCT SPEC	SIZE A100779	
		APPLICATION SPEC	CAGE CODE C=2085296	
		WEIGHT	DRAWING NO C=2085296	
		CUSTOMER DRAWING	REV B	
		SCALE 5:1	SHEET 4 OF 4	