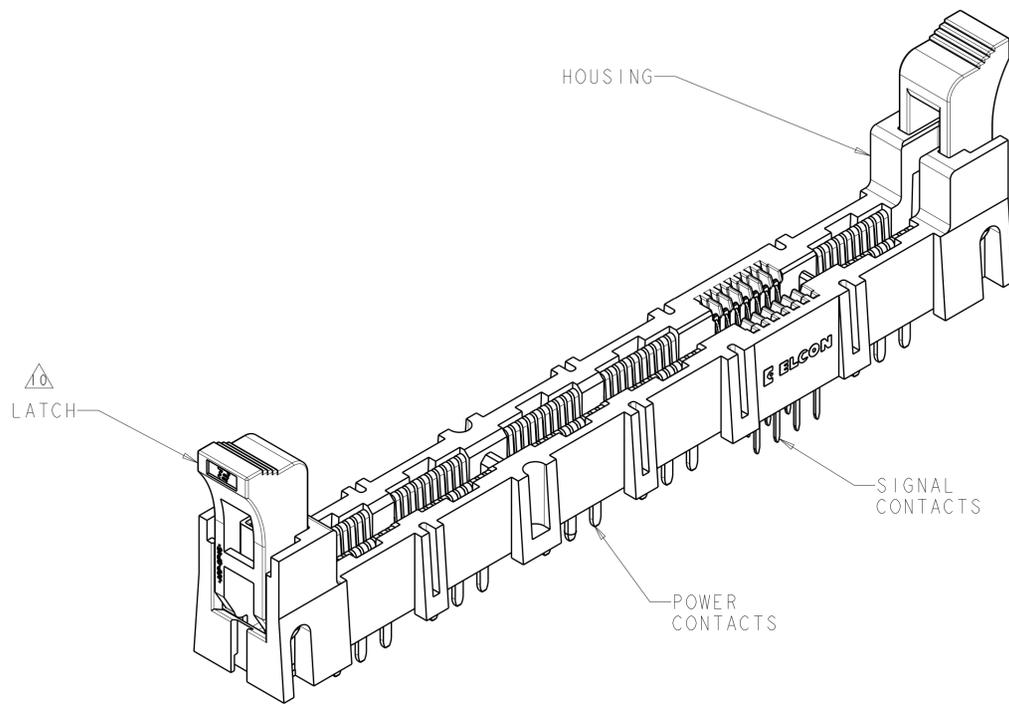


LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	CHKD
		A	30DEC2009	RG	MS
		B	30MAR2010	RG	MS



ISOMETRIC VIEW 2085296-1  
 SCALE 4:1

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)

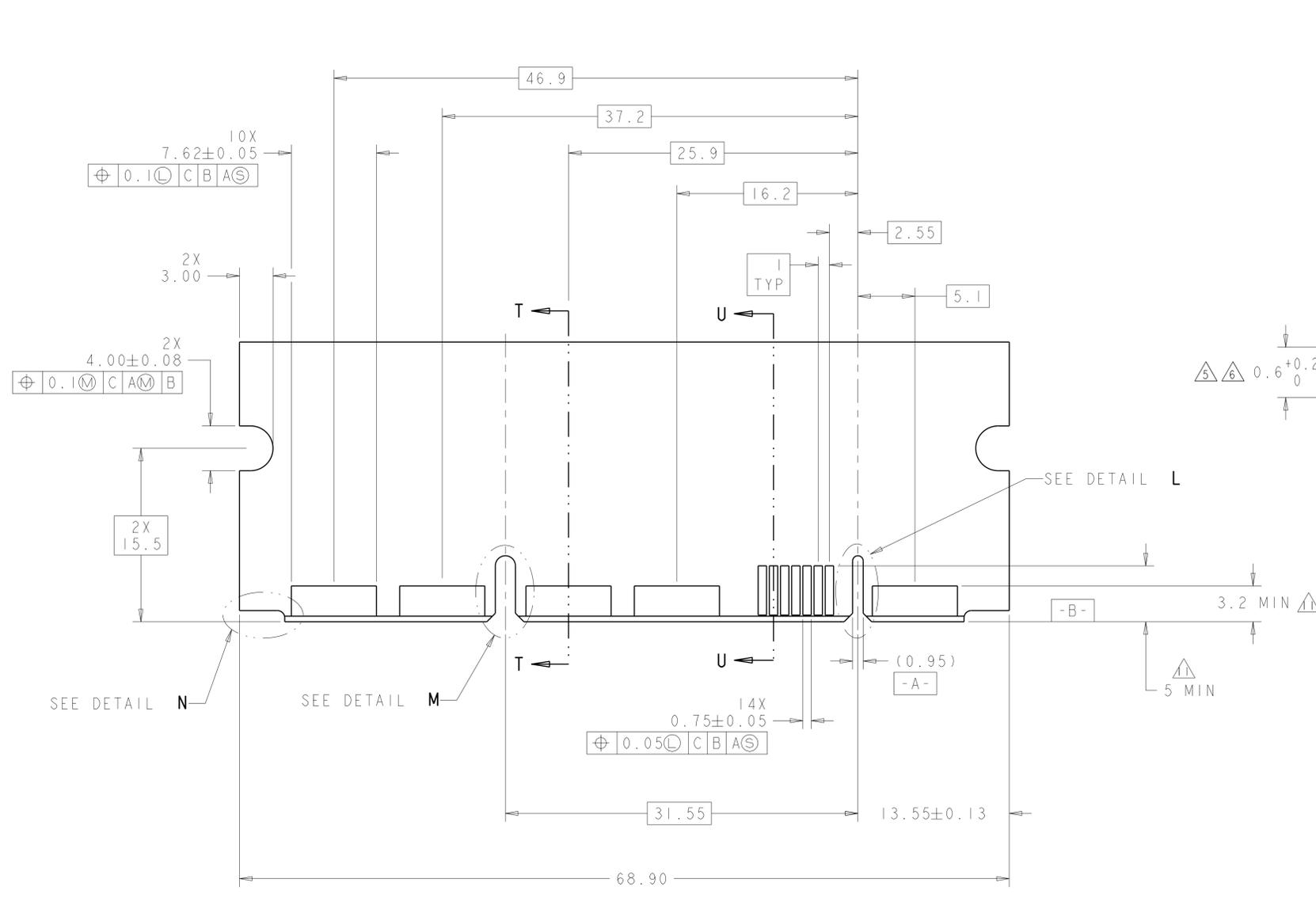
15. RECOMMENDED PRINTED CIRCUIT BOARD HOLE:  
 FINISHED HOLE : Ø0.56±0.05  
 DRILLED HOLE : Ø0.65±0.018  
 COPPER PLATE : 0.025 - 0.050 (PER SURFACE)  
 TIN PLATE : 0.0005 MIN (PER SURFACE)

AS SHOWN	2085296-1
DESCRIPTION	PART NUMBER

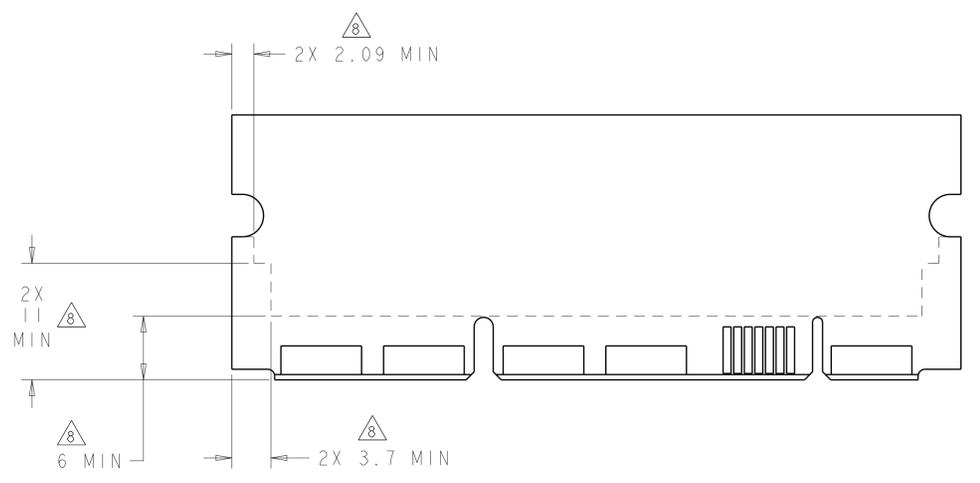
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 5 PLC ±.25 4 PLC ±. ANGLES ±. FINISH #2		DWN R. GRZYBOWSKI 16SEPT09 CHK R. LONDON 16SEPT09 APVD M. PERCHERKE 16SEPT09 NAME PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING		Tyco Electronics Harrisburg, PA 17105-3608 CONNECTOR, SOCKET WITH LATCH STRAIGHT, SOLDER TAIL MCE-PS57 MINI CROWN EDGE SIZE CAGE CODE DRAWING NO A100779C=2085296 SCALE 5:1 SHEET 1 OF 4 REV B	
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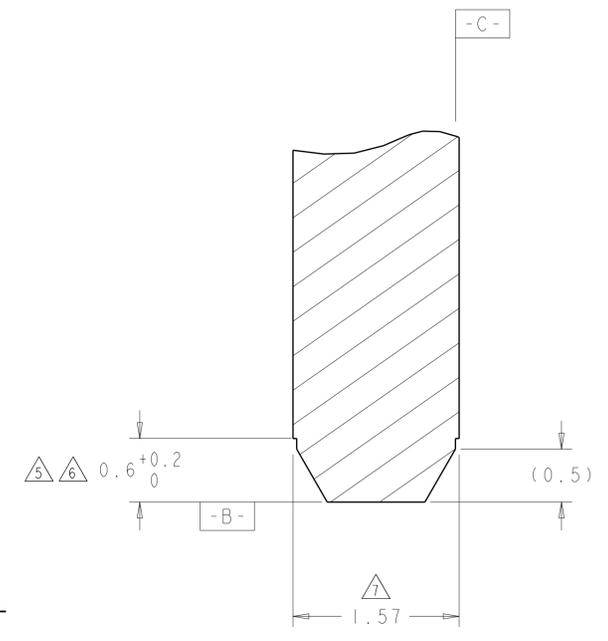
LOC	DIST	REV	DATE	BY	APPD
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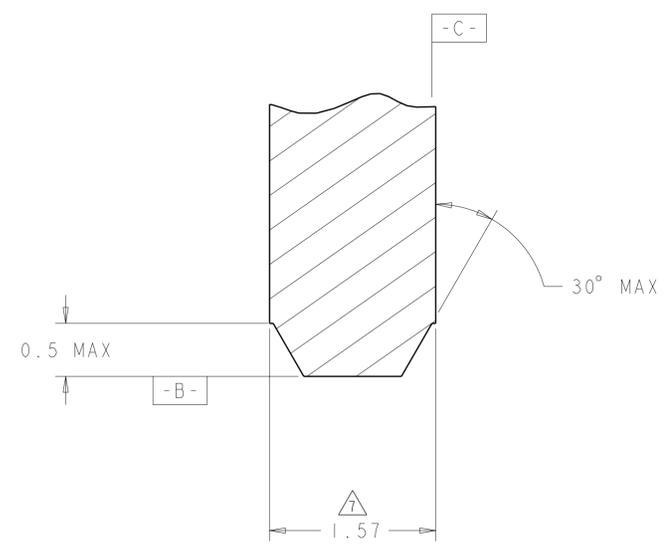
RECOMMENDED MATING BOARD  
SCALE 4:1



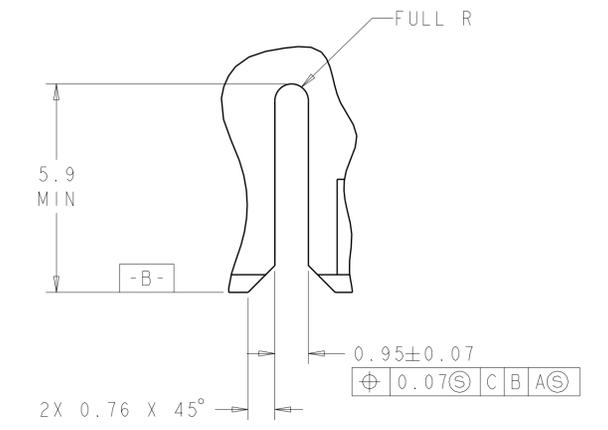
RECOMMENDED PC BOARD KEEP OUT AREA  
SCALE 3:1



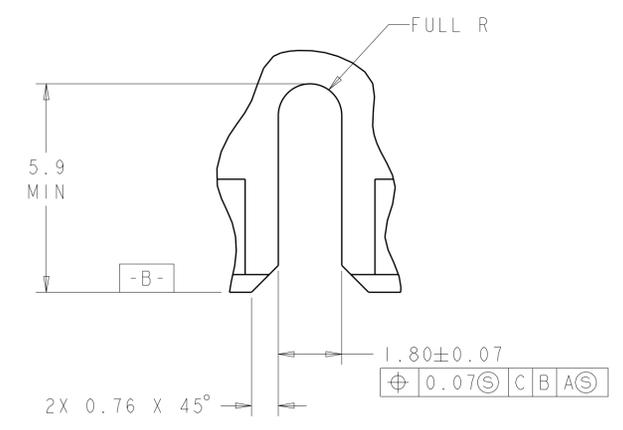
SECTION U-U  
SCALE 30:1



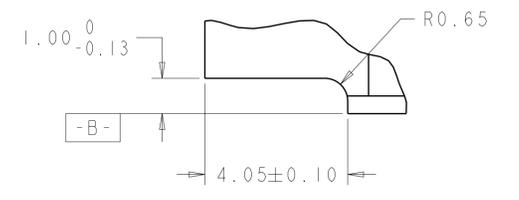
SECTION T-T  
SCALE 30:1



DETAIL L  
SCALE 10:1



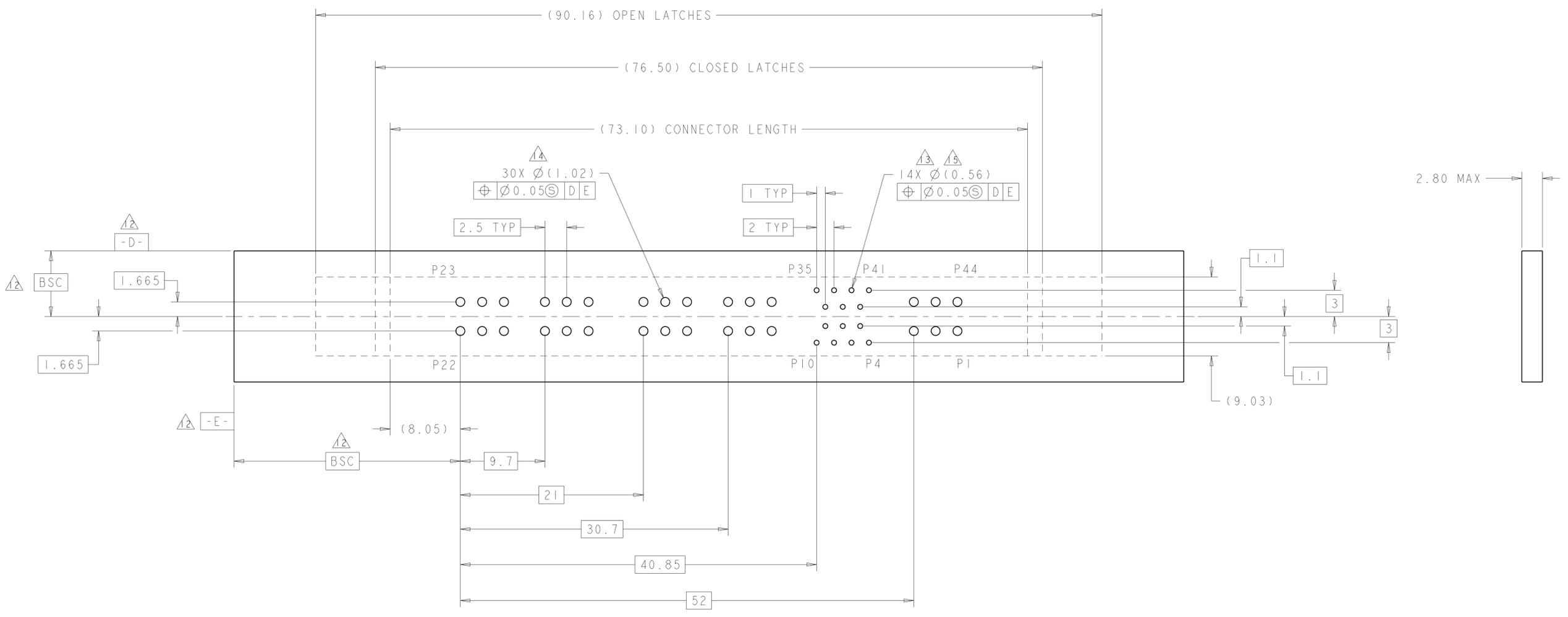
DETAIL M  
SCALE 10:1



DETAIL N  
2X TYPICAL  
SCALE 10:1

DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 5 PLC ±0.25 4 PLC ±.2 ANGLES ±.2		DWN R. GRZYBOWSKI 16SEPT09 CHK R. LONDON 16SEPT09 APVD M. PERCHERKE 16SEPT09		Tyco Electronics Harrisburg, PA 17105-3608	
MATERIAL FINISH		WEIGHT CUSTOMER DRAWING		NAME PRODUCT SPEC APPLICATION SPEC SIZE CAGE CODE DRAWING NO A100779C=2085296		RESTRICTED TO SCALE 5:1 SHEET 3 OF 4 REV B	

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



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT  
 SCALE 4:1

<small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small>		DWN: R. GRZYBOWSKI 16SEPT09 CHK: R. LONDON 16SEPT09 APVD: M. PERCHERKE 16SEPT09	Tyco Electronics Harrisburg, PA 17105-3608
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 5 PLC ±0.25 4 PLC ±. ANGLES ±. FINISH #2	NAME: CONNECTOR, SOCKET WITH LATCH STRAIGHT, SOLDER TAIL MCE-PS57 MINI CROWN EDGE PRODUCT SPEC: APPLICATION SPEC:	SIZE: A CAGE CODE: 100779 DRAWING NO: C-2085296 RESTRICTED TO:
MATERIAL:	FINISH:	WEIGHT:	SCALE: 5:1 SHEET 4 OF 4 REV B
CUSTOMER DRAWING			

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