

LOC		DIST		REVISIONS				
AG	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		5		Ø 1.55±0.02 WAS Ø 1.45 ±0.02	11JUL2006	PK	JK/EB	
		A		RELEASED PER ECO-07-007698	11APR07	BM	MS	

△ GUIDE RAIL MATERIAL: COPPER ALLOY
GUIDE RAIL FINISH: 0.4 MICROMETERS MIN THK TIN COATING

△ EMI GASKET MATERIAL: COPPER ALLOY
EMI GASKET PLATING: 2 MICROMETERS MIN THK TIN PLATE

△ DATUMS X AND Y AND BSC DIMENSIONS TO BE ESTABLISHED BY CUSTOMER

4. DESIGN ACCEPTS MODULES THAT ARE COMPLIANT WITH X2 SPECIFICATION REV 2.0b

△ SEE CUSTOMER DRAWING 1367337-1 FOR CONNECTOR PAD DIMENSIONS

△ RECOMMENDATION FOR P.C. BOARD HOLES:
COPPER UNDERPLATE, 25-50 MICROMETERS THICK, FOLLOWED BY ANY OF THESE SURFACE FINISHES:

A. HASL SnPb: 35 MICROMETERS MAX THK

B. GALVANIC Au: 4-5 MICROMETERS Ni + 0.1-0.5 MICROMETERS Au

C. OSP: 0.2-0.5 MICROMETERS THK

D. IMMERSION Sn: 0.5 MICROMETERS MIN THK

E. IMMERSION Au: 4-5 MICROMETERS Ni + 0.1-0.5 MICROMETERS Au

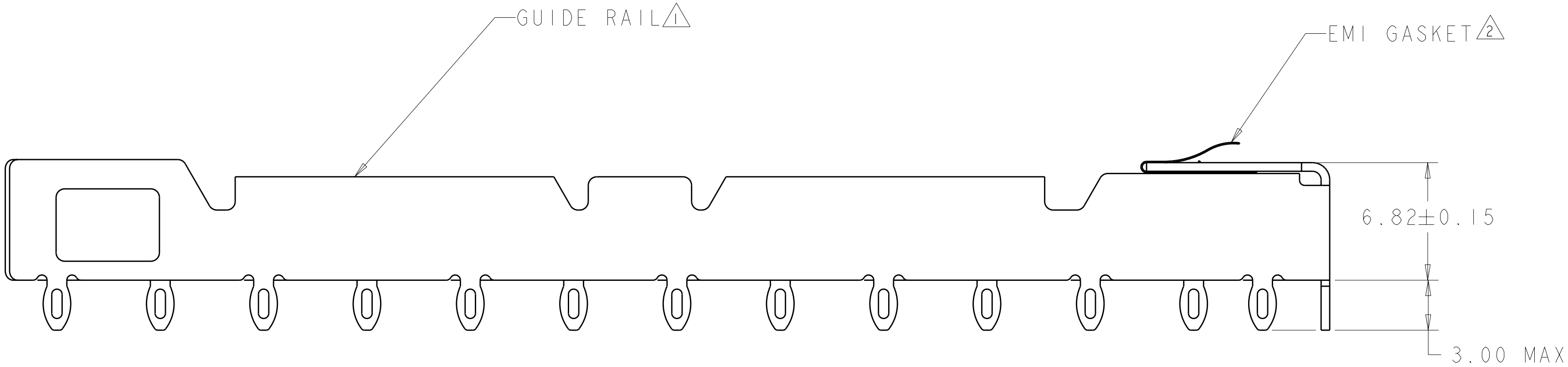
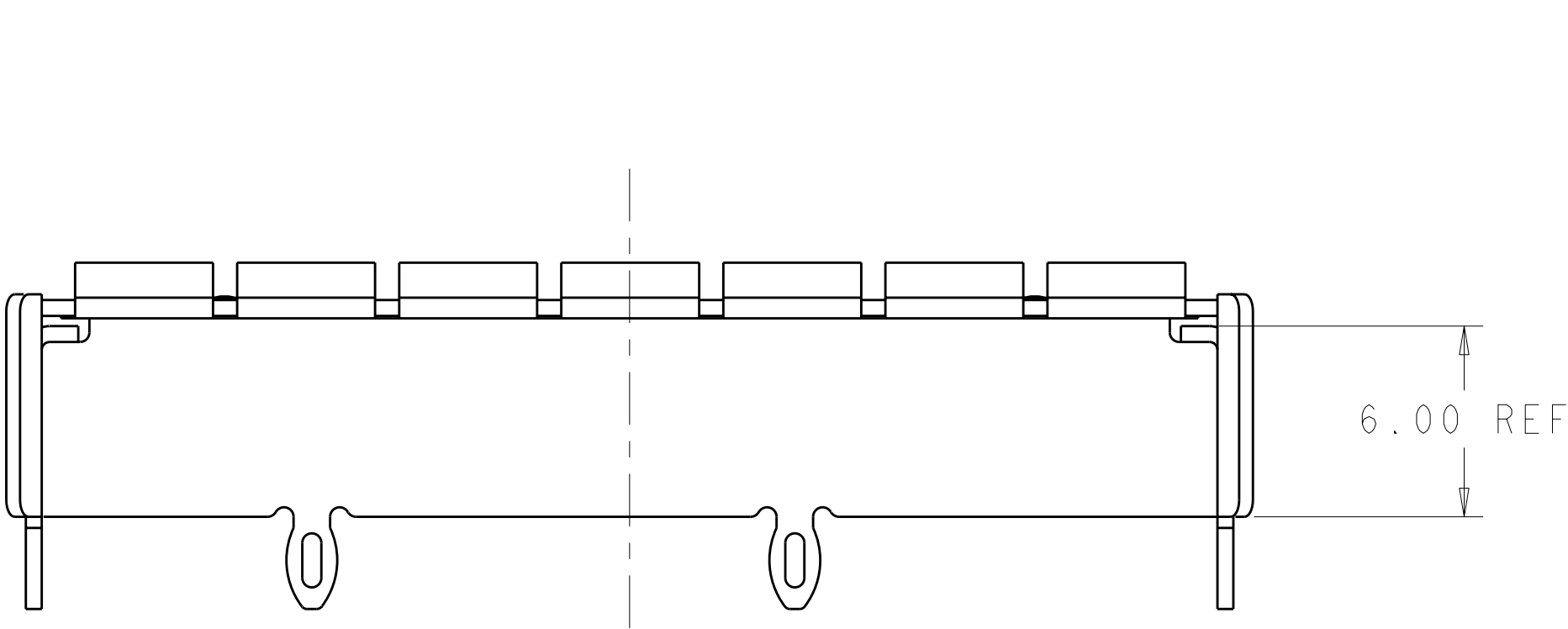
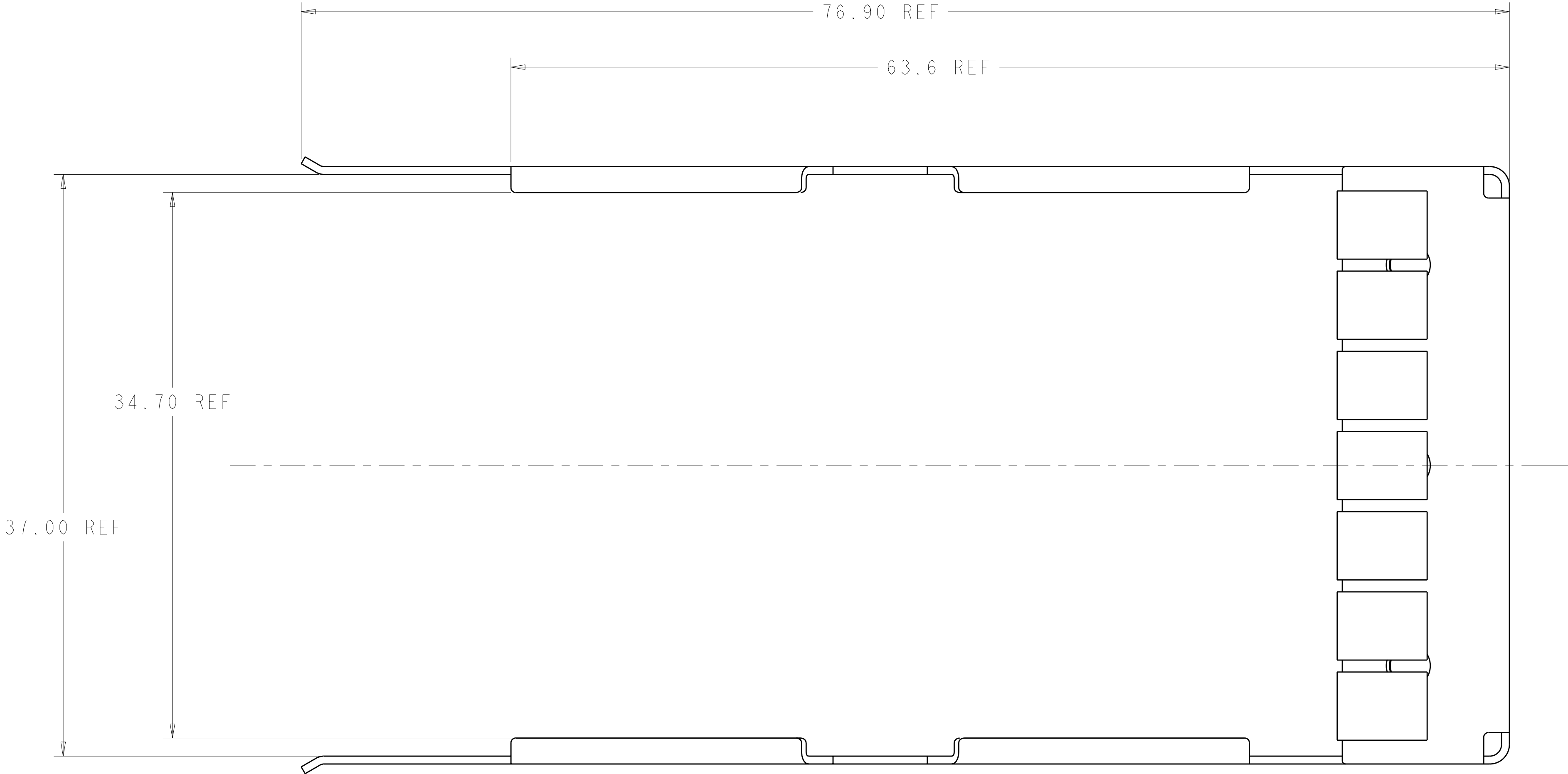
F. IMMERSION Ag: 0.1-0.3 MICROMETERS

7. BARE EDGES PERMITTED

8. 3.0 MIN PRINTED CIRCUIT BOARD THICKNESS FOR BELLY TO BELLY APPLICATION

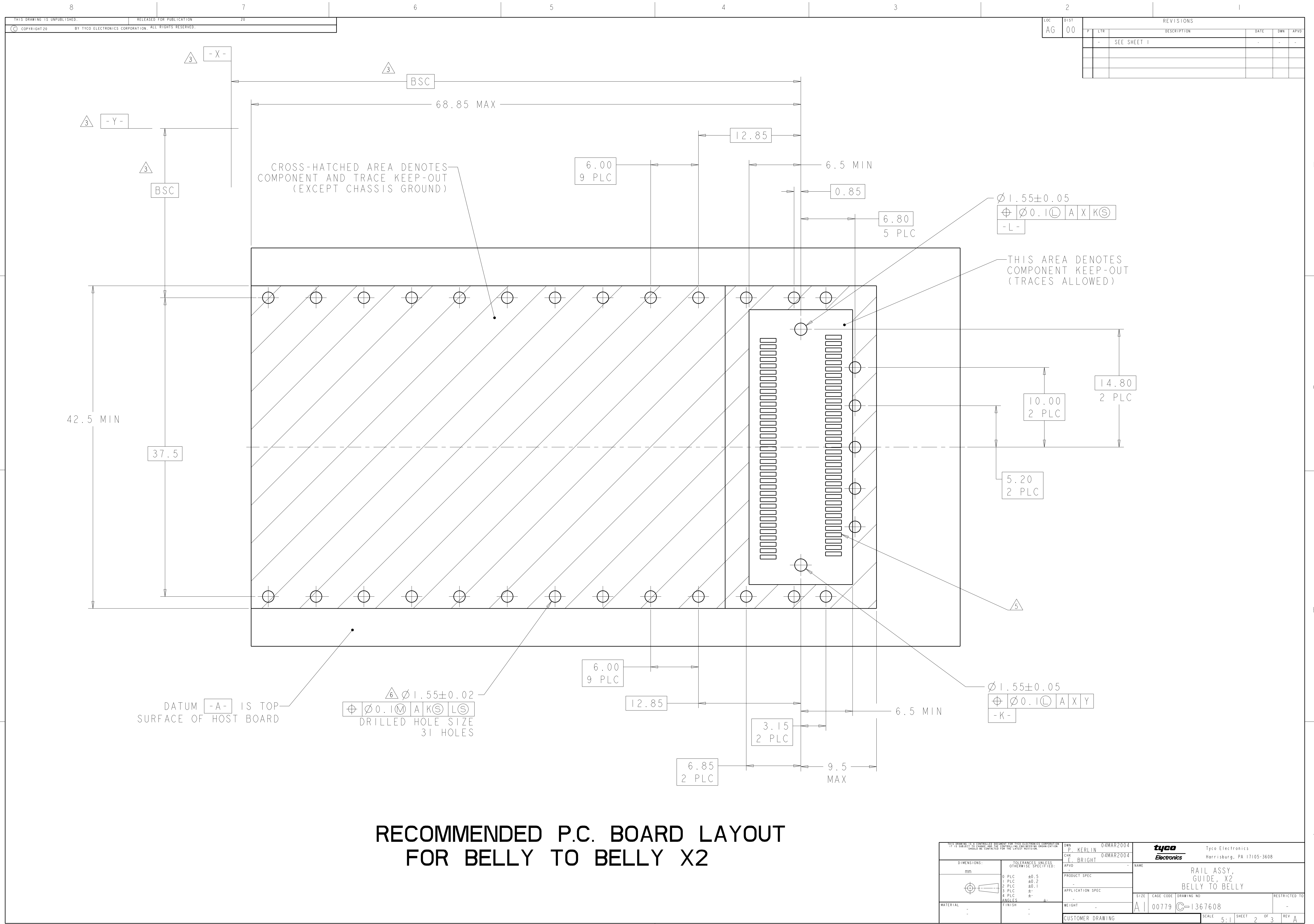
9. BEZEL REQUIREMENTS PER X2 MSA

10. REFERENCE INSTRUCTION SHEET 408-8997 FOR ADDITIONAL INSTRUCTIONS.



1367608-1
PART NUMBER

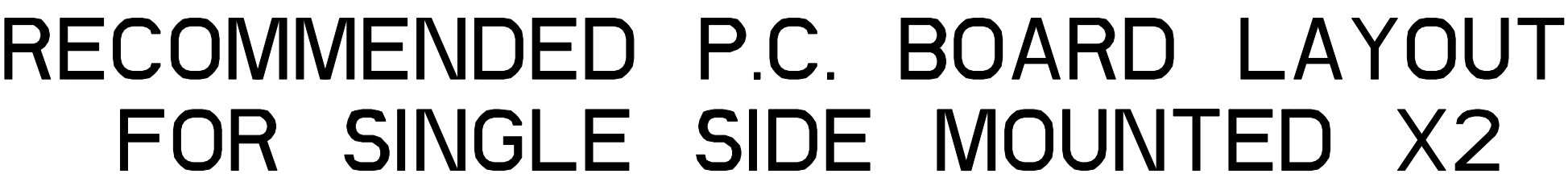
THIS DRAWING IS UNPUBLISHED. IT IS THE PROPERTY OF TYCO ELECTRONICS CORPORATION. IT IS TO BE USED ONLY FOR THE PURPOSES SPECIFIED IN THE ORDER. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM TYCO ELECTRONICS CORPORATION. SHOULD BE CONTACTED FOR THE LATEST REVISION.				DWN P. KERLIN E. BRIGHT APVD -	04MAR2004 04MAR2004 -	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±0.5 1 PLC ±0.2 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± FINISH -		PRODUCT SPEC -		NAME RAIL ASSY, GUIDE, X2 BELLY TO BELLY	
MATERIAL -		FINISH -		APPLICATION SPEC -		SIZE A1	
MATERIAL -		FINISH -		WEIGHT -		CAGE CODE 00779	
MATERIAL -		FINISH -		CUSTOMER DRAWING		DRAWING NO 1367608	
MATERIAL -		FINISH -		SCALE 5:1		SHEET 1 OF 3	
MATERIAL -		FINISH -		REV A			



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AG	00	P	LYR	DESCRIPTION	DATE	DWN	APVD	
		-	-	SEE SHEET 1	-	-	-	

RECOMMENDED P.C. BOARD LAYOUT
FOR BELLY TO BELLY X2

TYPICAL DIMENSIONS FOR THIS DRAWING TYPICAL DIMENSIONS FOR THIS DRAWING TYPICAL DIMENSIONS FOR THIS DRAWING		DWN P. KERLIN E. BRIGHT	04MAR2004 04MAR2004	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		PRODUCT SPEC		NAME RAIL ASSY, GUIDE, X2 BELLY TO BELLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±0.5 2 PLC ±0.2 5 PLC ±0.1 4 PLC ± ANGLES ± FINISH		APPLICATION SPEC		SIZE A	
MATERIAL		WEIGHT		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C=1367608	
				RESTRICTED TO	
				SCALE 5:1	
				SHEET 2 OF 3	
				REV A	

AMP 4805 REV 31MAR2000