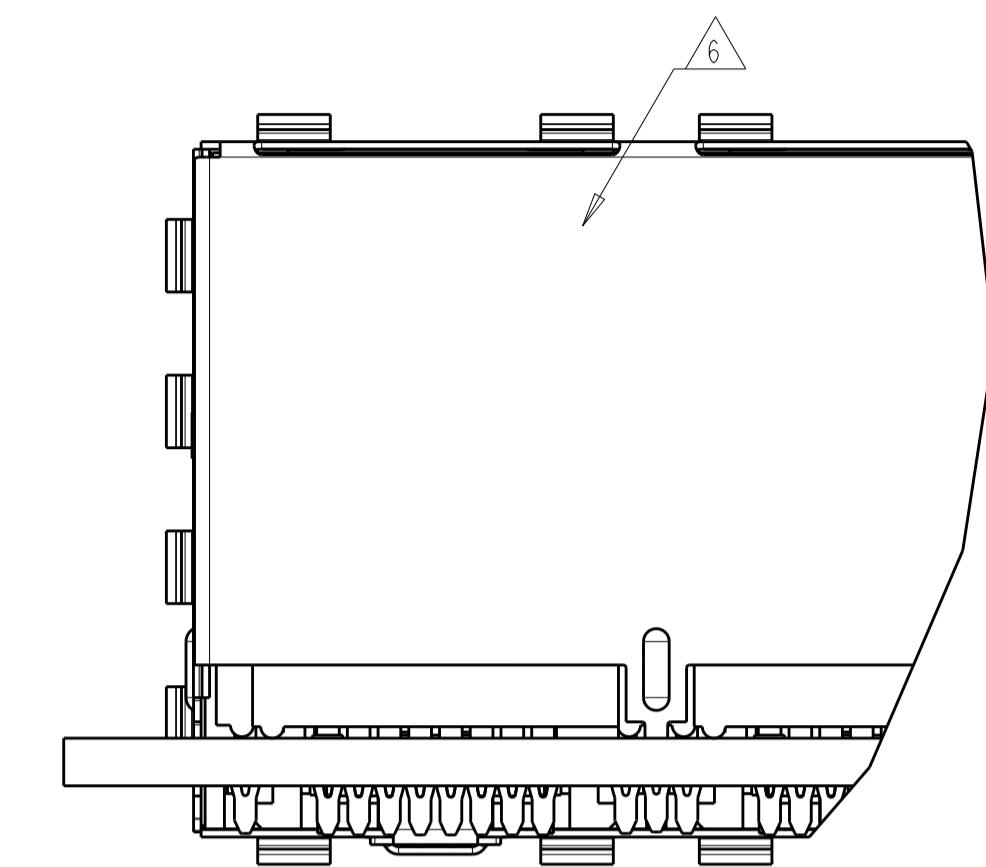
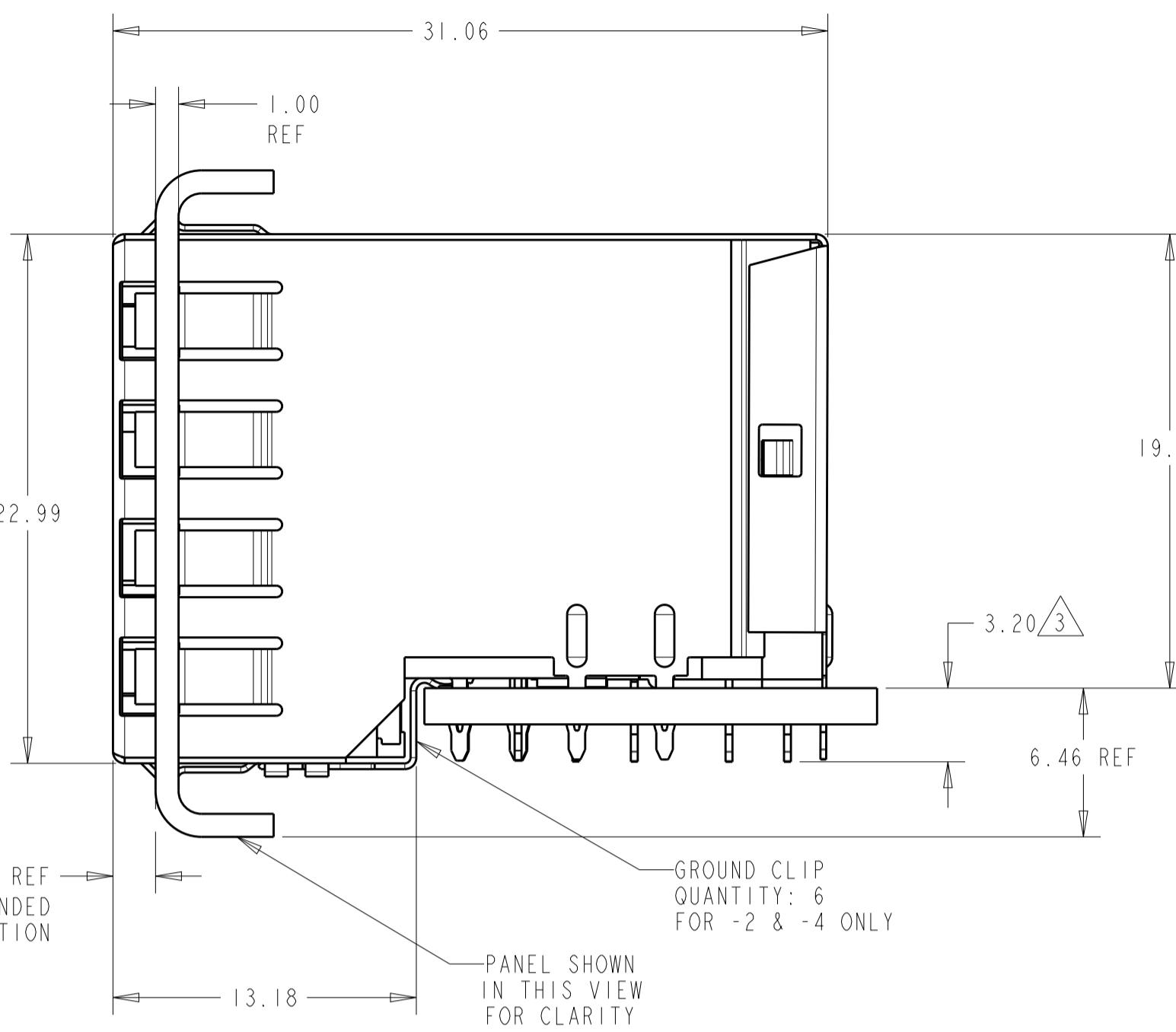
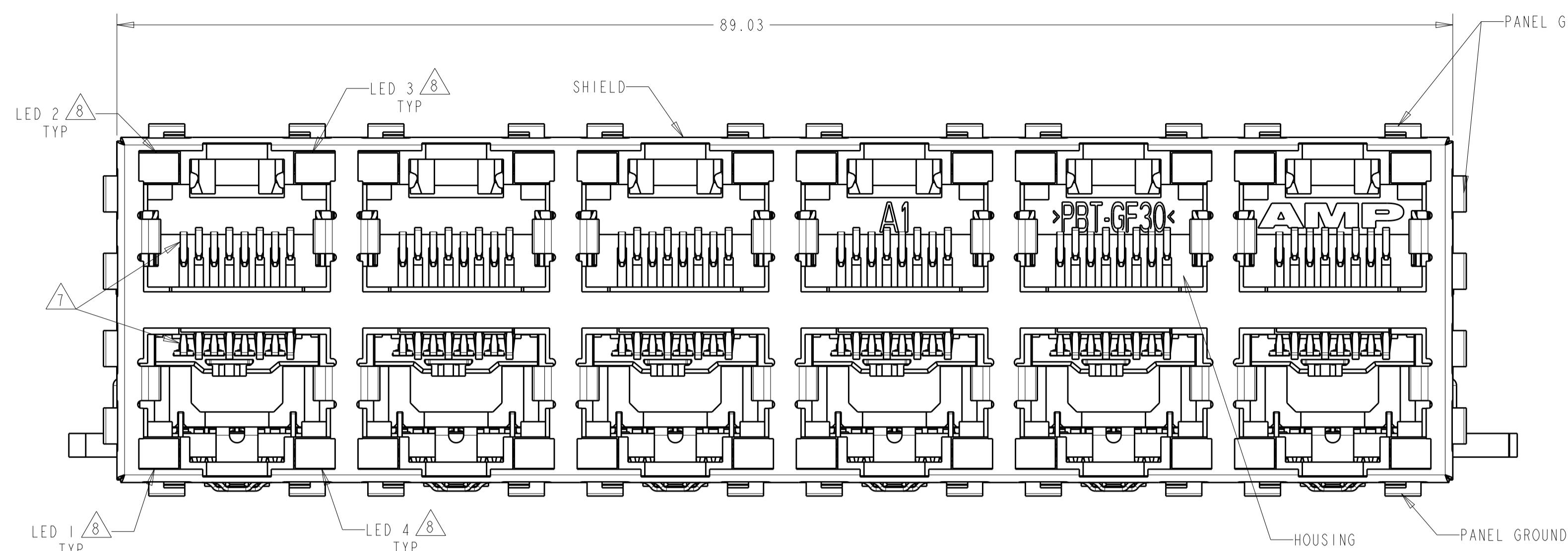


REVISIONS		DATE	DN	APV
P	LTR	REV PER ECO-07-001858	28MAR2007	RG JW
B	1	ADDED NEW DASH NUMBER	23MAY2008	DZ SY
B2	2	ECR-08-020353	13AUG2008	AL SY
C	3	ECO-15-006810	22JAN2016	LL SH



ATCA PANEL AND PRINTED CIRCUIT BOARD ASSEMBLY LAYOUT

1. MATERIAL:
HOUSING:
PBT POLYESTER, BLACK, UL 94V-0
TERMINALS:
0.33 THICK PHOSPHOR BRONZE PLATED WITH 1.27 μ m MINIMUM THICK HARD GOLD IN LOCALIZED AREA AND 2.0 μ m MINIMUM THICK MATTE TIN IN COMPLIANT PIN TERMINAL AREA
OVER 1.27 μ m MINIMUM THICK NICKEL UNDERPLATE

SHIELD:
0.25 THICK COPPER ALLOY PLATED WITH 2.03 μ m MINIMUM TIN
OVER 1.27 μ m MINIMUM NICKEL

GROUND CLIP: 0.25 THICK COPPER ALLOY PRE-PLATED WITH 2.03 μ m MINIMUM MATTE TIN OVER 1.27 μ m MINIMUM NICKEL

LIGHT EMITTING DIODE (LED):
DIFFUSED EPOXY LENS, 12.95 CARBON STEEL WIREFRAME LEADS
PREPLATED WITH 8.89 μ m THICK Sn/Cu OVER 2.03 μ m THICK Ag
OVER 1.02 μ m THICK Cu OVER 3.56 μ m THICK Ni OVER
1.02 μ m THICK Cu UNDERPLATE

LED COMPLIANT PIN CONTACTS:
0.3 THICK BRASS PLATED WITH 2 μ m MINIMUM MATTE TIN OVER
1.27 μ m MINIMUM NICKEL UNDERPLATE.

2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

3. MAXIMUM PIN LENGTH 3.40 FROM TOP SURFACE OF PC BOARD
4. FINISHED PLATED THROUGH HOLE DIAMETER - ANNULAR RING DIAMETER 1.3 TO 1.5

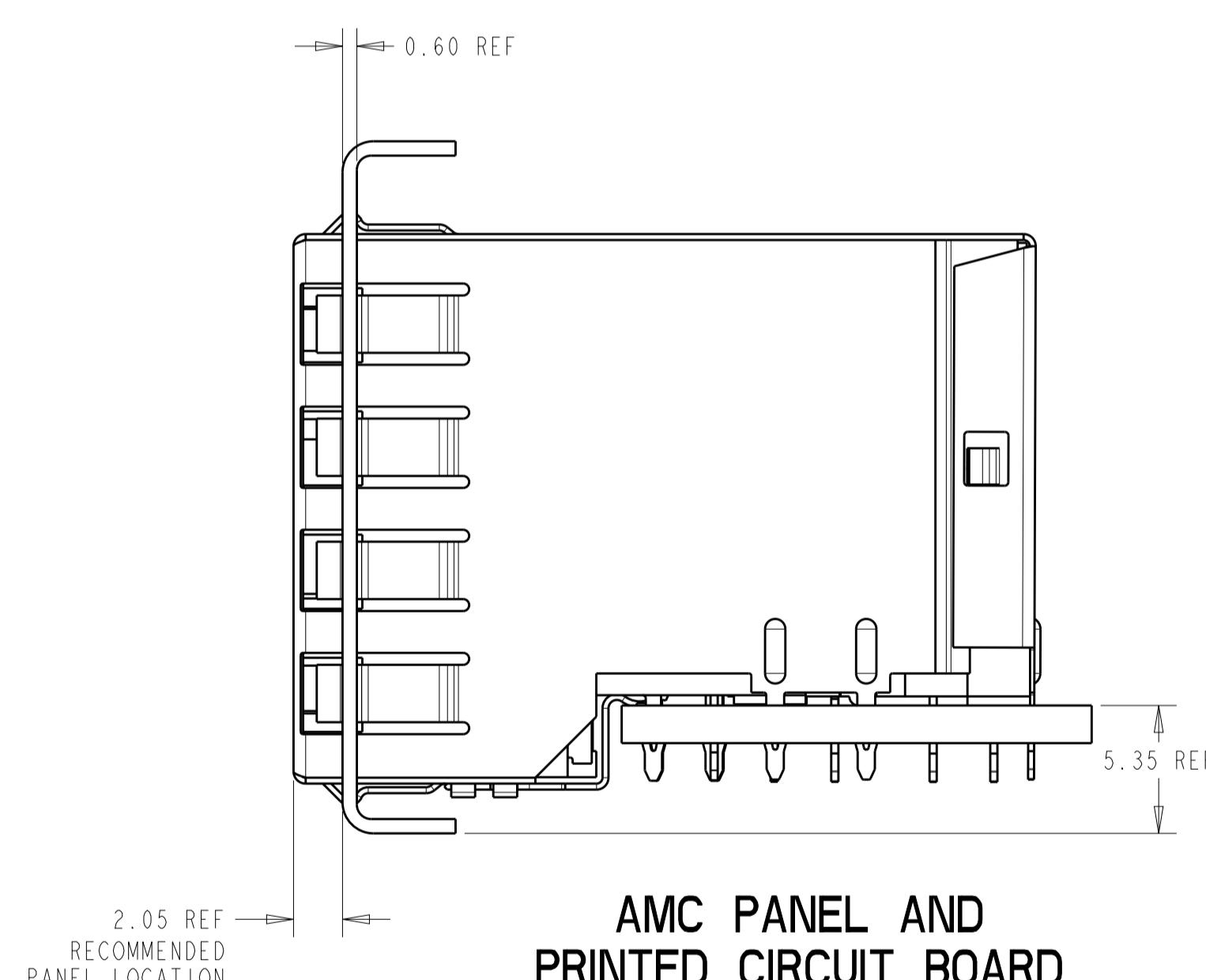
5. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER

6. DATE CODE LOCATED ON REAR OF PART APPROXIMATELY AS SHOWN

7. CONTACTS ARE NOT INTENDED TO BE ALIGNED WITH EACH OTHER

8. SUGGESTED OPERATING CURRENT FOR LEDS IS 20mA

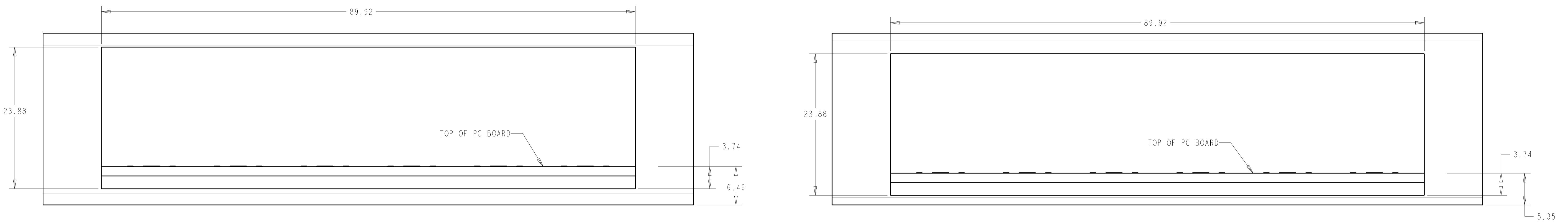
9. NO PANEL GROUNDS.



AMC PANEL AND PRINTED CIRCUIT BOARD ASSEMBLY LAYOUT

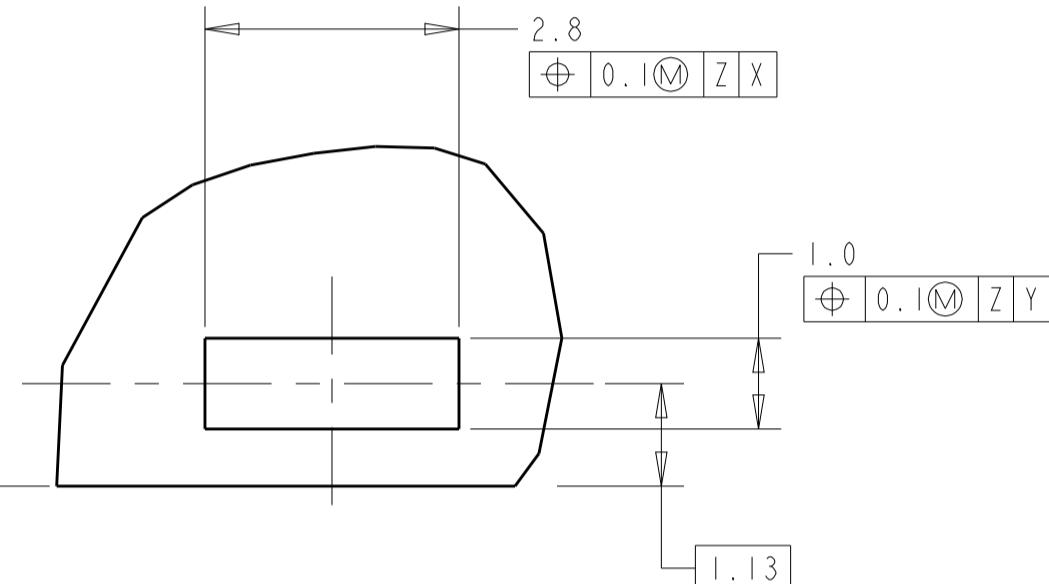
M DIM	LED #4 (LOWER-RIGHT)	LED #3 (UPPER-RIGHT)	LED #2 (UPPER-LEFT)	LED #1 (LOWER-LEFT)	DESCRIPTION		PART NUMBER
					15.88 GREEN/YELLOW	15.88 GREEN/YELLOW	
					15.88 GREEN/YELLOW	15.88 GREEN/YELLOW	1888509-5
					15.88 GREEN/YELLOW	15.88 GREEN/YELLOW	1888509-4
					16.13 YELLOW	16.13 YELLOW	1888509-3
					15.88 GREEN	15.88 GREEN	1888509-2
					16.13 GREEN	16.13 GREEN	1888509-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DN: L.A. MAYER 280CT2006	APV: S. FLICKINGER 280CT2006	NAME: TE Connectivity
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: STACKED MOD JACK ASSEMBLY, 2 X 6, 8 POSN, W/LEDS, RJ45, SHIELDED, PANEL GROUND, OFFSET, CAT 5
0 PLC ±0.00		1 PLC ±0.00		PRODUCT SPEC: 108-1854
1 PLC ±0.00		2 PLC ±0.00		APPLICATION SPEC: 114-2160
2 PLC ±0.00		3 PLC ±0.00		SIZE: CAGE CODE: DRAWING NO: -
3 PLC ±0.00		4 PLC ±0.00		WEIGHT: -
4 PLC ±0.00		ANGLES ±1°		RESTRICTED TO: A1 100779 C=1888509
ANGLES ±1°		SEE NOTE 1		SEE NOTE 1
SEE NOTE 1		SEE NOTE 1		CUSTOMER DRAWING
				SCALE: 4:1 SHEET: 1 OF 2 REV: C



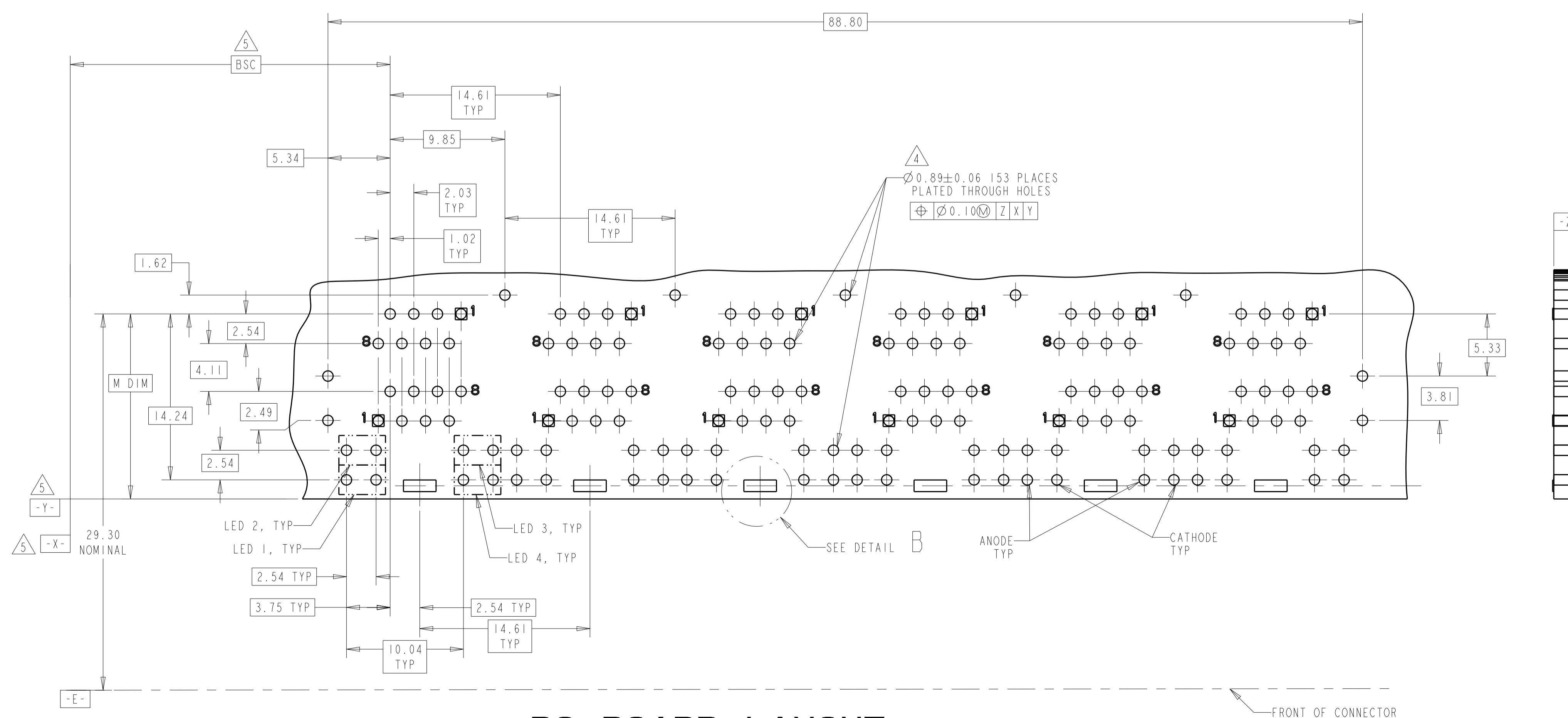
ATCA PANEL AND
PRINTED CIRCUIT BOARD LAYOUT

SCALE 3:1

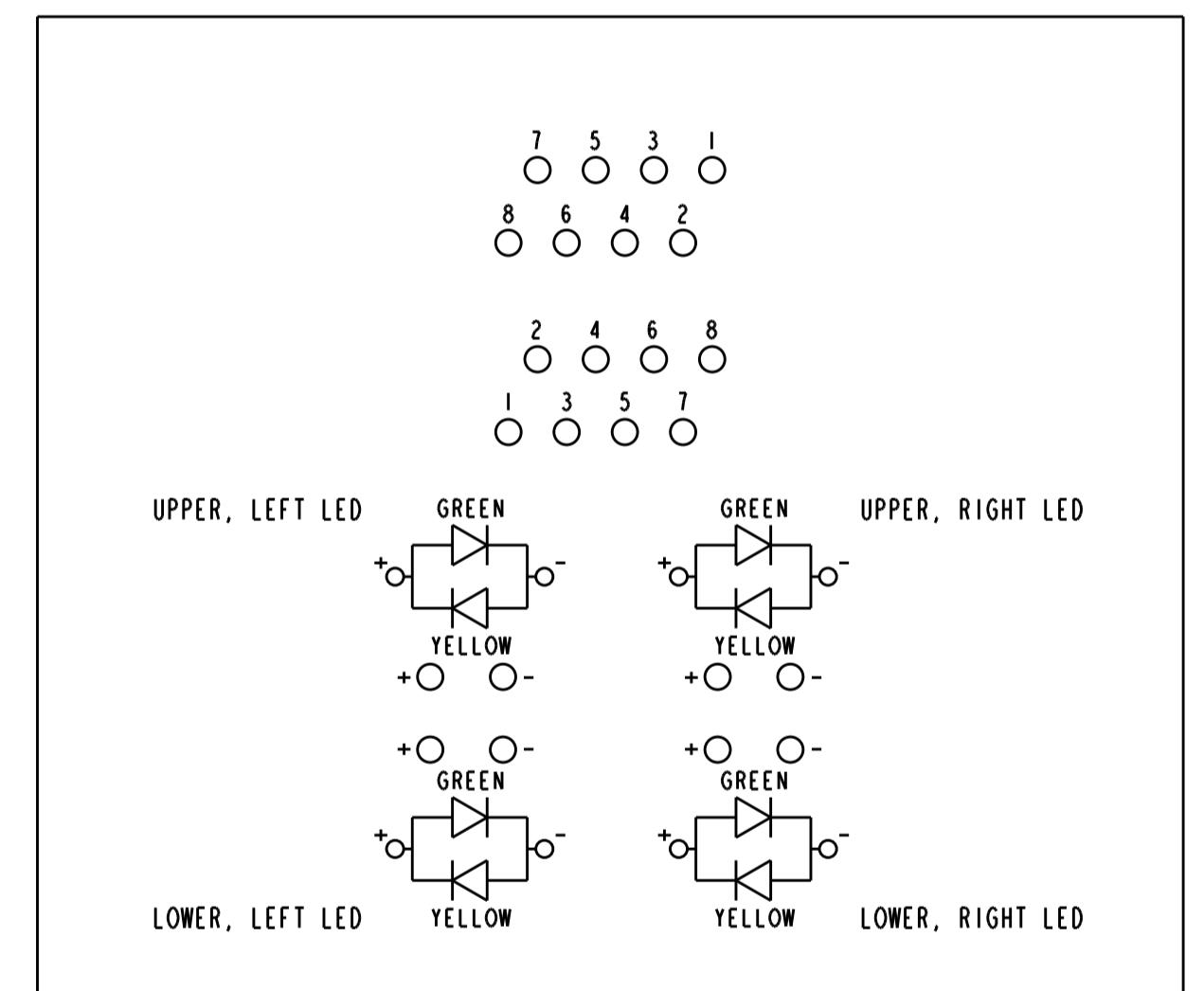


AMC PANEL AND
PRINTED CIRCUIT BOARD LAYOUT

SCALE 3:1



PC BOARD LAYOUT
(COMPLIANT SIDE)



BI-COLOR LED SCHEMATIC
FOR 1888509-4,5
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
mm		APV0 28OCT2006	
		J. WESTMAN 28OCT2006	
		S. FLICKINGER 28OCT2006	
1 PLC		NAME	
2 PLC		TE Connectivity	
3 PLC		STACKED MOD JACK ASSEMBLY, 2 X 6,	
4 PLC		8 POSN, W/LEDS, RJ45, SHIELDED,	
ANGLES		PANEL GROUND, OFFSET, CAT 5	
MATERIAL	SEE NOTE 1	FINISH	SEE NOTE 1
SEE NOTE 1		SEE NOTE 1	
CAGE CODE		DRAWING NO.	
A1 00779		C=1888509	
SIZE		RESTRICTED TO	
A1		-	
WEIGHT		-	
CUSTOMER DRAWING		SCALE 4:1	
		SHEET 2 OF 2	
		REV C	