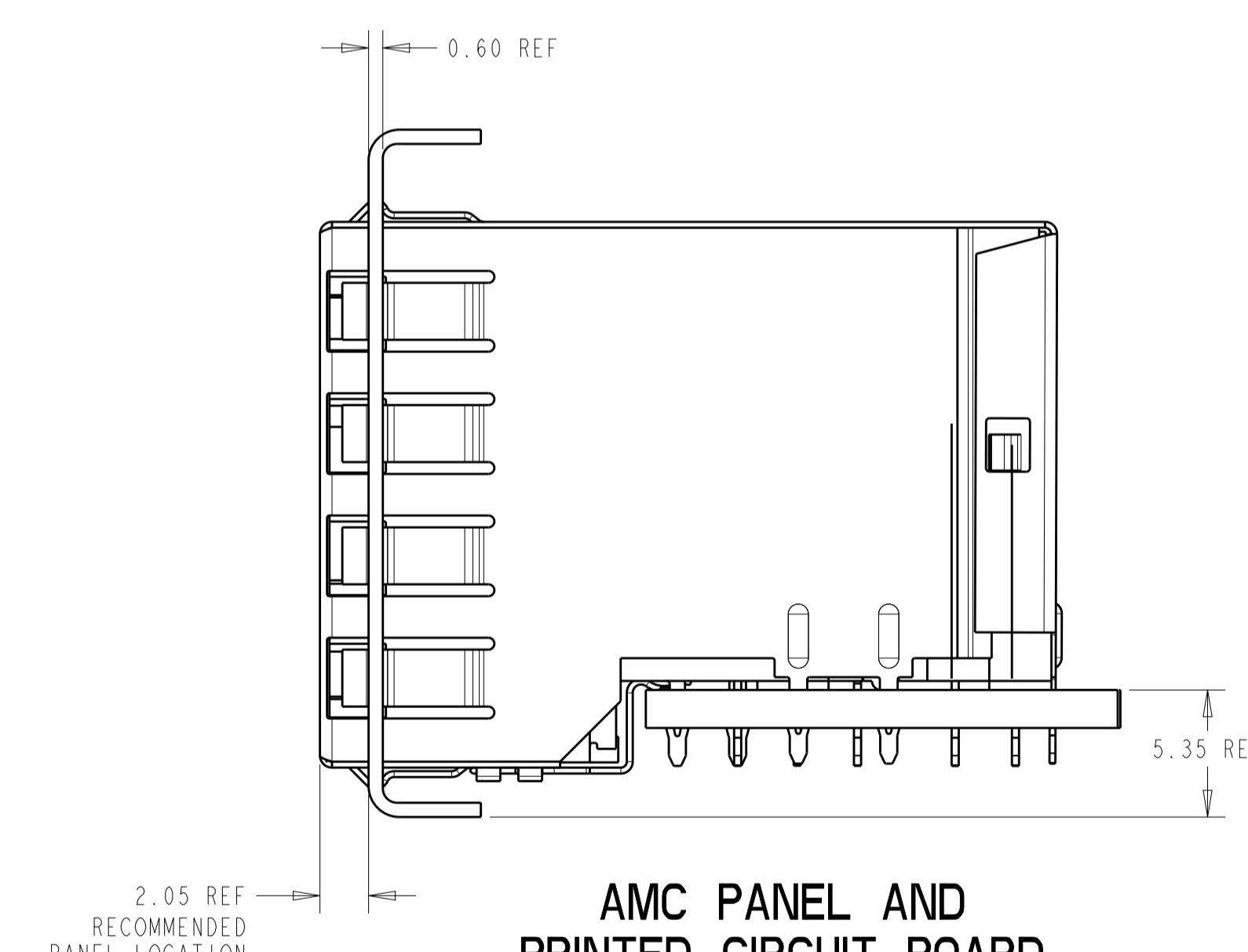


ATCA PANEL AND PRINTED CIRCUIT BOARD ASSEMBLY LAYOUT



AMC PANEL AND PRINTED CIRCUIT BOARD ASSEMBLY LAYOUT

I. 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 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

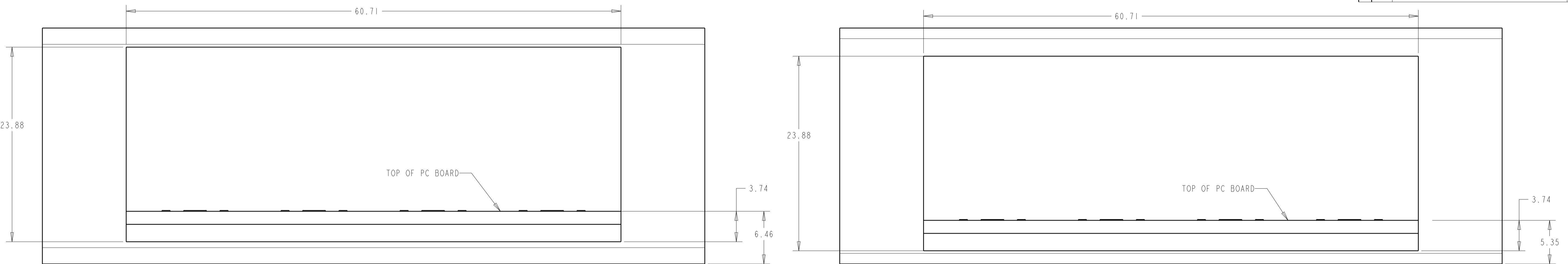
7 CONTACTS ARE NOT INTENDED TO BE ALIGNED WITH EACH OTHER

8 SUGGESTED OPERATING CURRENT FOR LEDS IS 20mA

9 NO PANEL GROUNDS

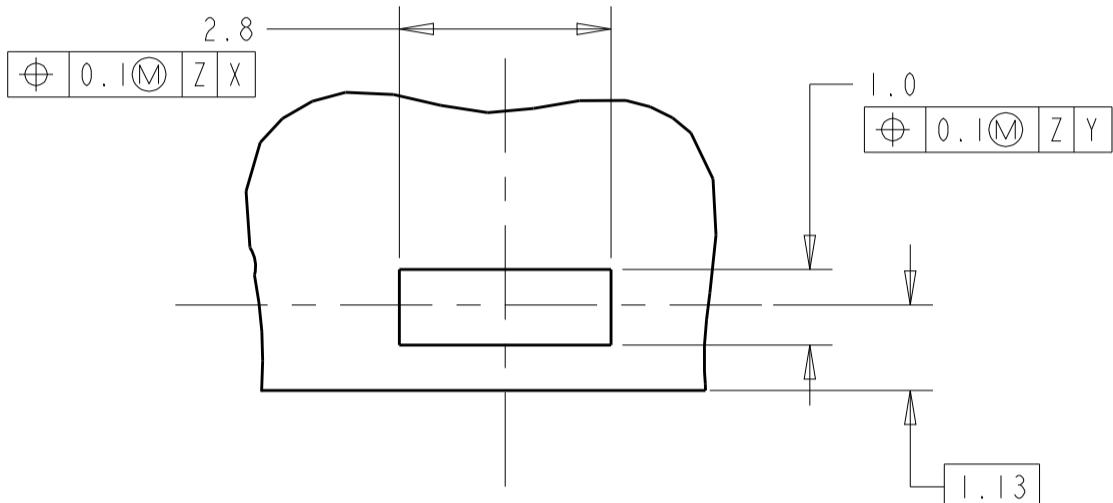
9	GREEN/YELLOW	GREEN/YELLOW	GREEN/YELLOW	GREEN/YELLOW	WITH GROUND CLIP	1888507-5
	GREEN/YELLOW	GREEN/YELLOW	GREEN/YELLOW	GREEN/YELLOW	WITH GROUND CLIP	1888507-4
	YELLOW	YELLOW	GREEN	GREEN	WITHOUT GROUND CLIP	1888507-3
	GREEN	GREEN	GREEN	GREEN	WITH GROUND CLIP	1888507-2 (SHOWN)
	GREEN	GREEN	GREEN	GREEN	WITHOUT GROUND CLIP	1888507-1
LED #4 (LOWER-RIGHT)	LED #3 (UPPER-RIGHT)	LED #2 (UPPER-LEFT)	LED #1 (LOWER-LEFT)	DESCRIPTION	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN K.SCHRUM/L.A.MAYER CHK J.WESTMAN	24OCT2006 24OCT2006	 TE TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S.FLICKINGER	
	0 PLC	±-	PRODUCT SPEC	NAME
	1 PLC	±-	108-1854	STACKED MODULAR JACK ASSEMBLY,
	2 PLC	±0.13	APPLICATION SPEC	2x4 OFFSET, WITH LEDS, 8 POSN, RJ45
	3 PLC	±-	114-2160	SHIELDED, PANEL GROUNDS, CAT 5
	4 PLC	±-		
	ANGLES	±1		
MATERIAL SEE NOTE 1	FINISH SEE NOTE 1	WEIGHT -	SIZE A 1	CAGE CODE 00779
		CUSTOMER DRAWING	DRAWING NO C-1888507	RESTRICTED TO -
			SCALE 4:1	SHEET 1 OF 2 REV C

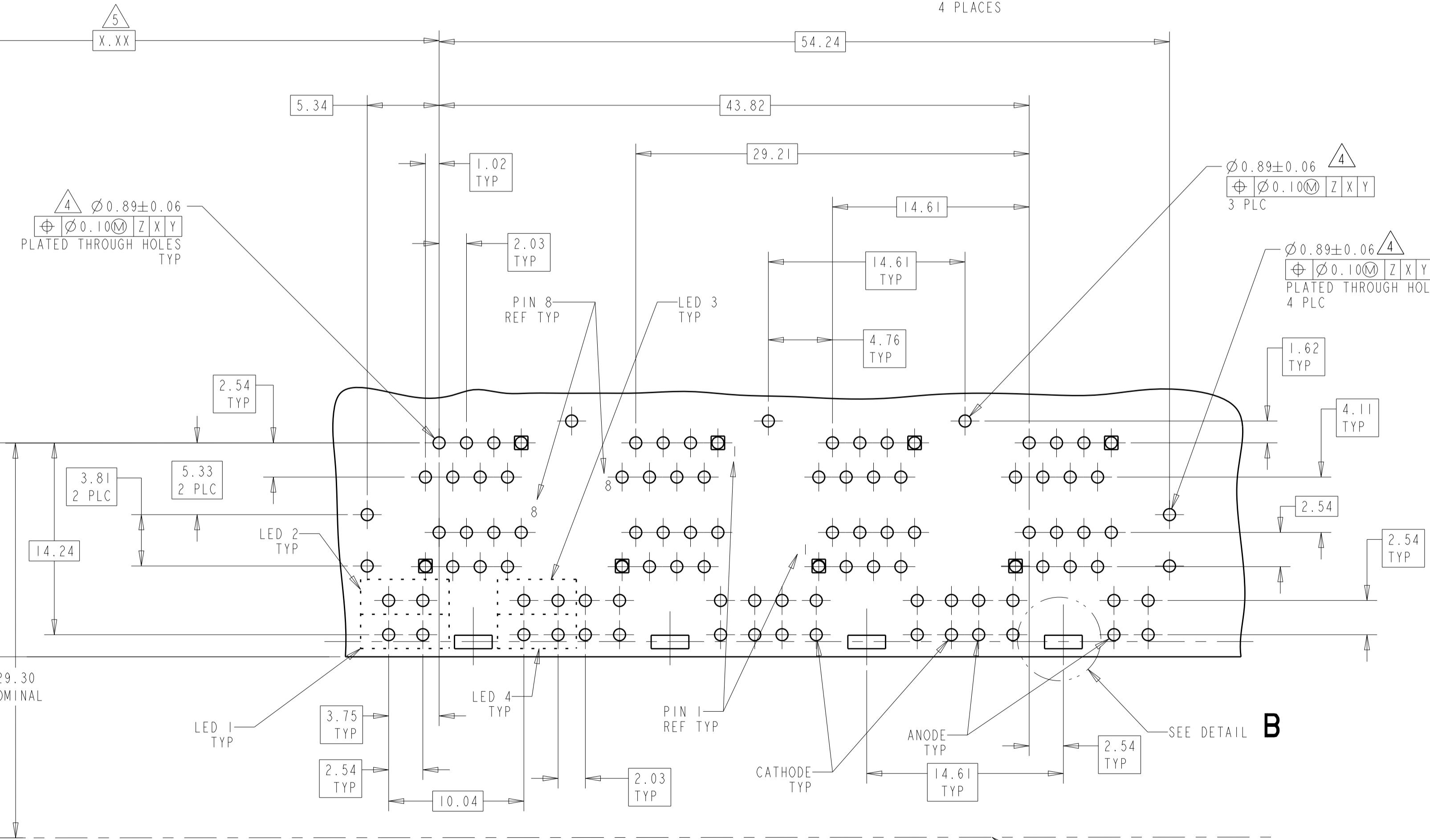


ATCA PANEL AND PRINTED CIRCUIT BOARD LAYOUT

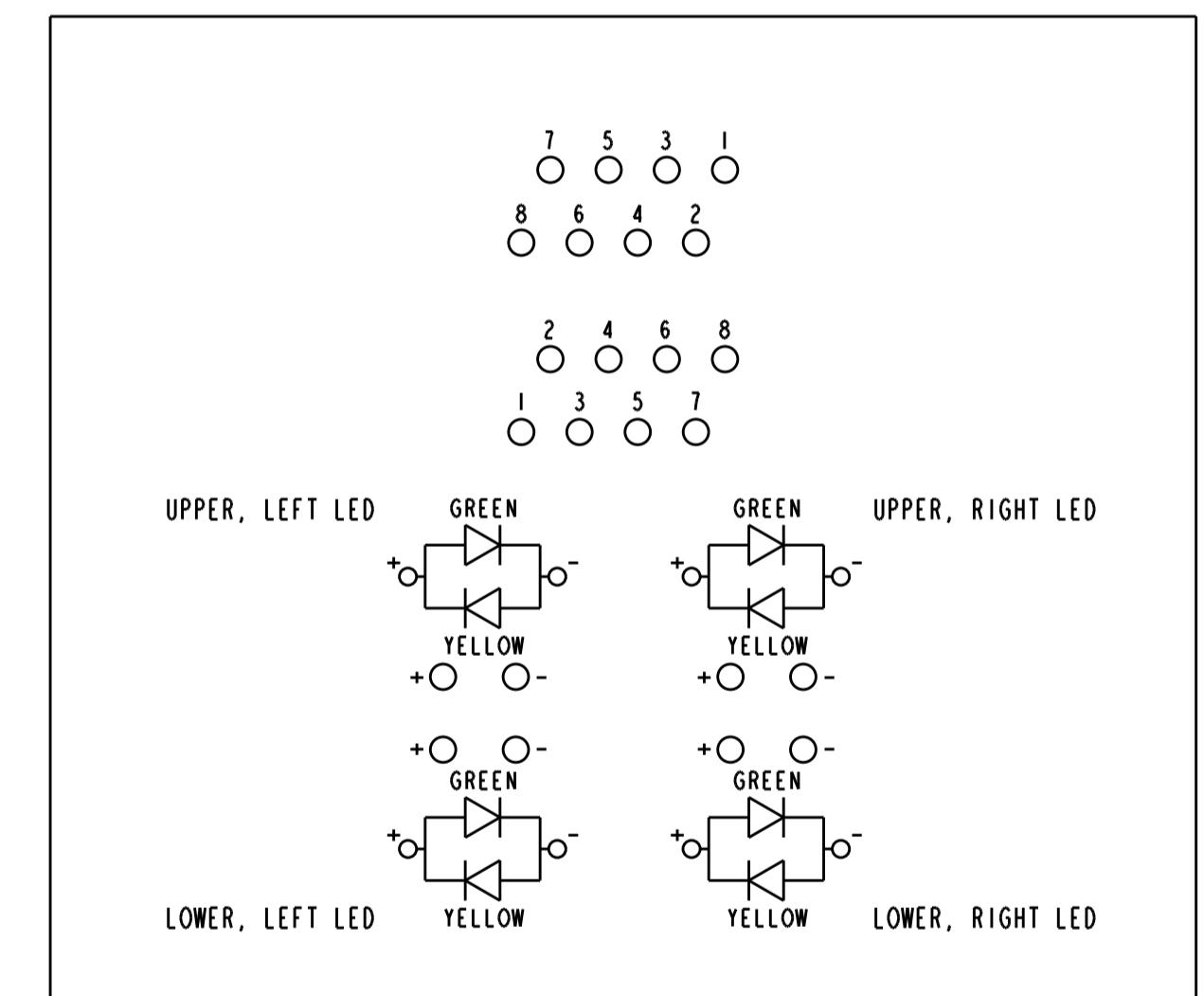
AMC PANEL AND PRINTED CIRCUIT BOARD LAYOUT



DETAIL B
PLATED PADS REQUIRED FOR 1888507-2 & -
(PRODUCT WITH GROUNDING CLIPS)
SCALE 10:1
4 PLACES



PC BOARD LAYOUT (COMPONENT SIDE)



BI-COLOR LED SCHEMATIC
FOR 1888507-4, 5
SCALE 4:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 24OCT2006 K.SCHRUM/L.A.MAYER	 TE Connectivity	
		CHK 24OCT2006 J.WESTMAN		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 24OCT2006 S.FLICKINGER	
		0 PLC ±- 1 PLC ±- 2 PLC ±0.13 3 PLC ±- 4 PLC ±- ANGLES ±1	PRODUCT SPEC 108-1854 APPLICATION SPEC 114-2160	
MATERIAL SEE NOTE 1		FINISH SEE NOTE 1	WEIGHT -	
		CUSTOMER DRAWING		
		SCALE 4:1	Sheet 2 of 2	REV C