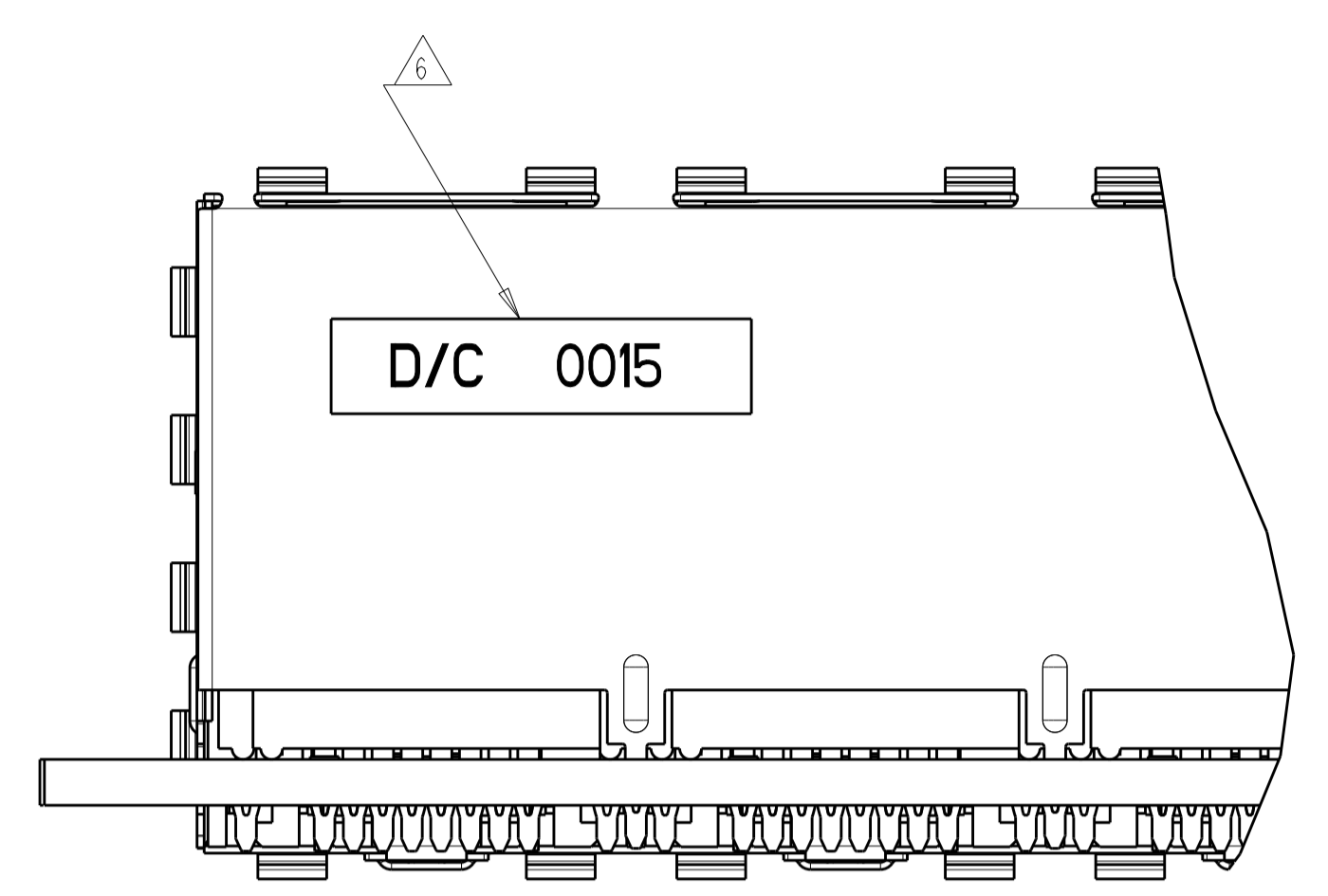
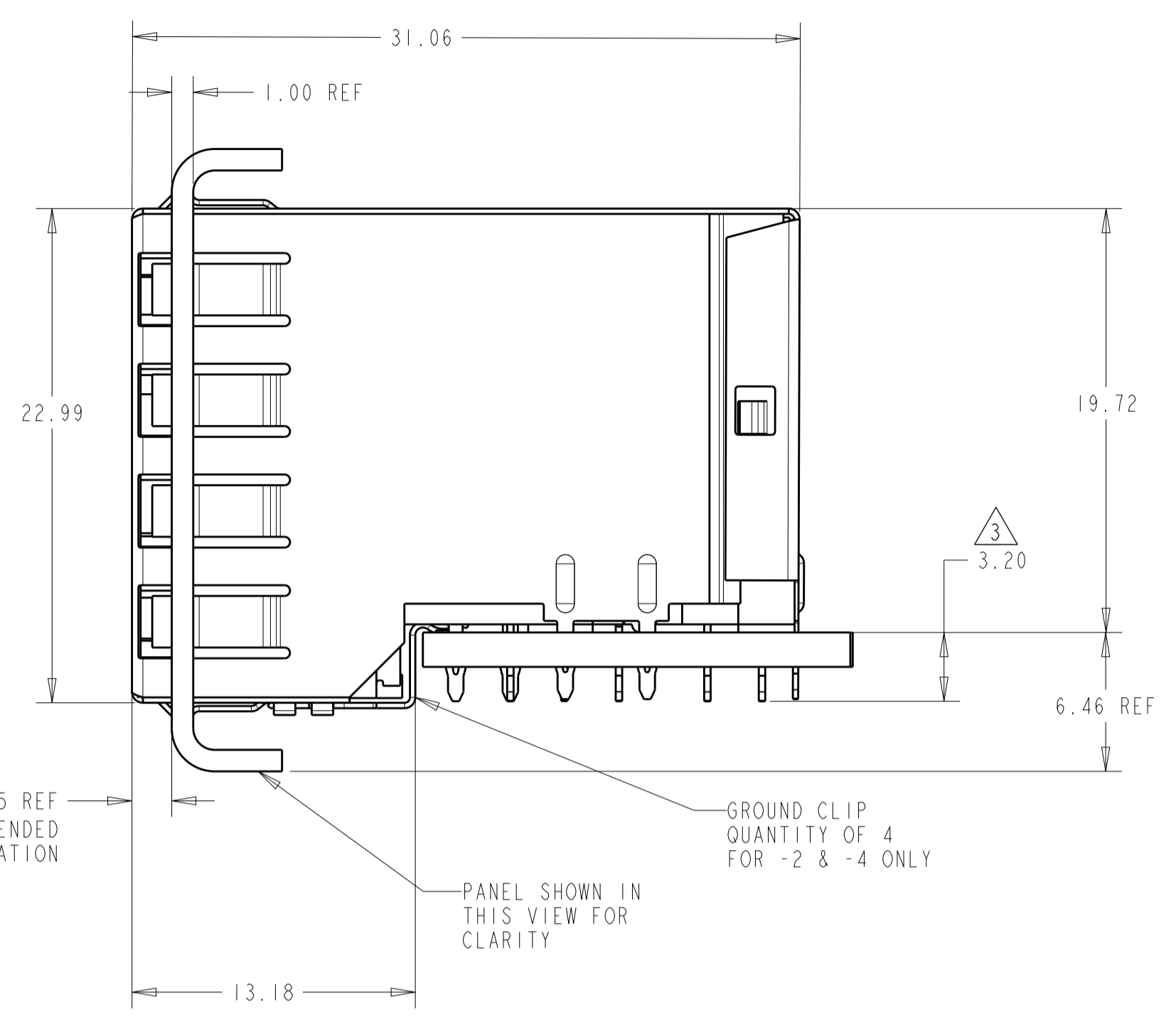
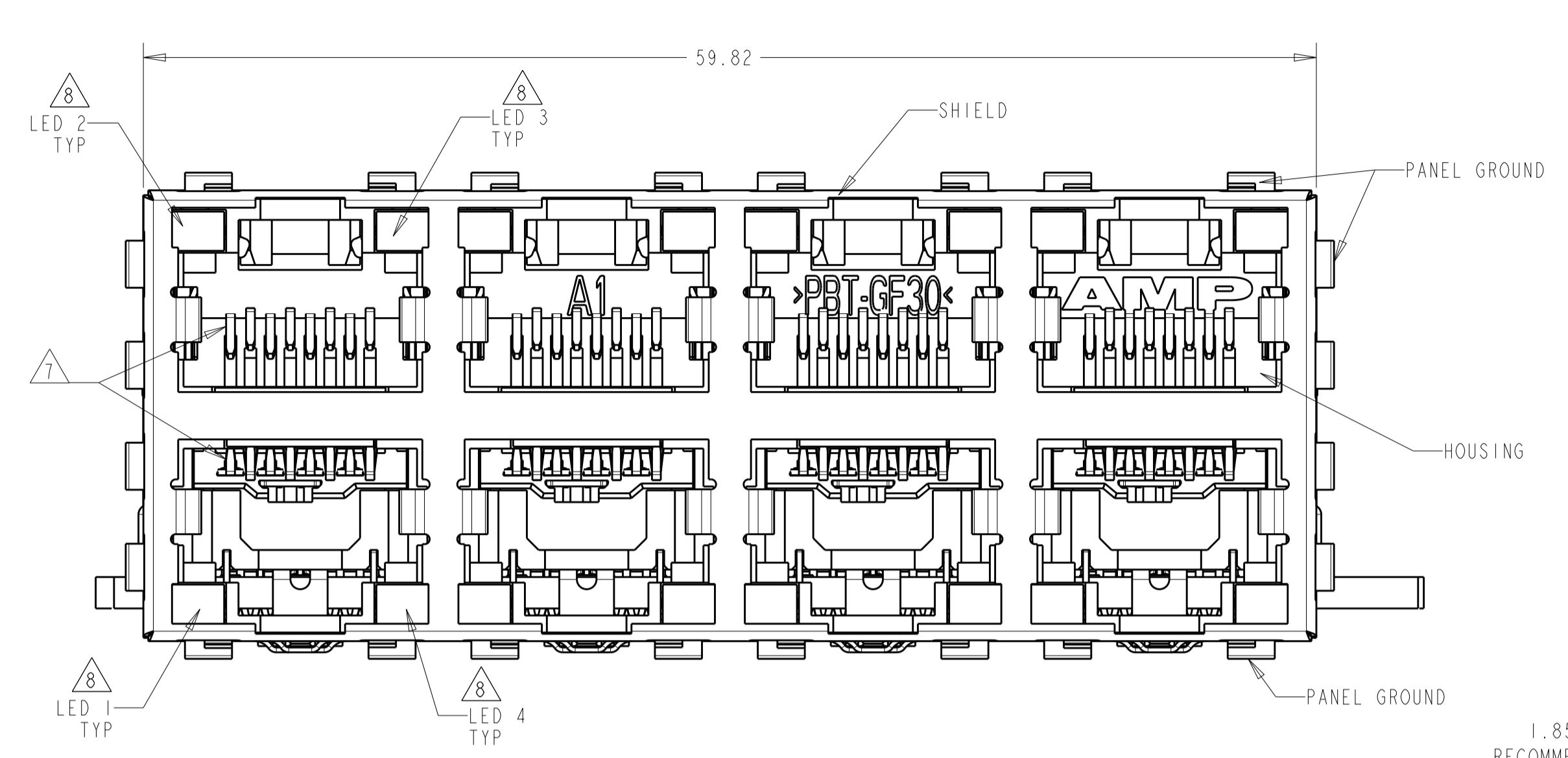
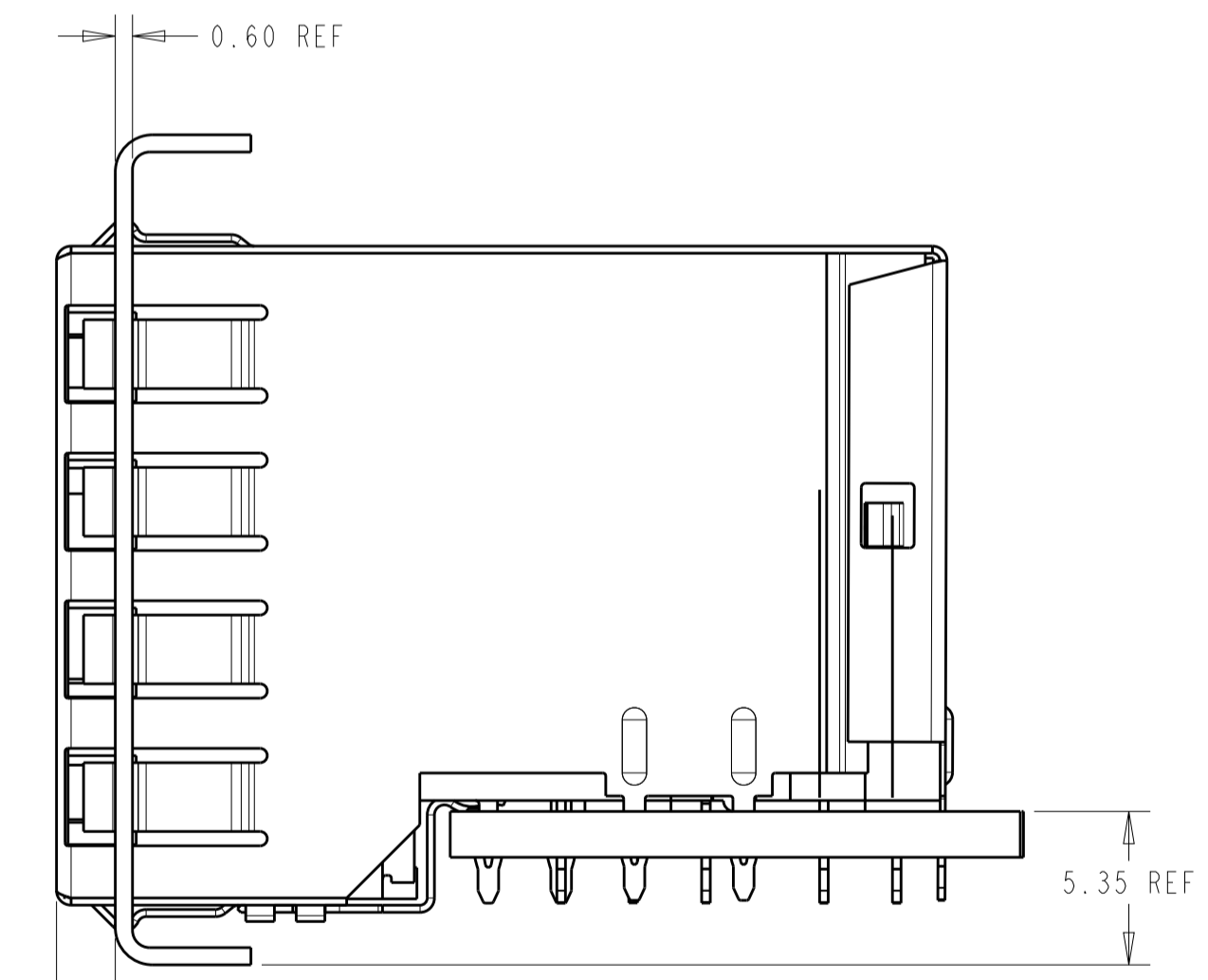


LOC		DIST		REVISIONS			
P	LTN	DESCRIPTION	DATE	DWN	APVD		
B	4	REVISED PER ECO-11-005033	05MAY2011	RK	HMR		
C		ECO-15-006810	22JAN2016	LL	SH		



**ATCA PANEL AND
PRINTED CIRCUIT BOARD
ASSEMBLY LAYOUT**



**AMC PANEL AND
PRINTED CIRCUIT BOARD
ASSEMBLY LAYOUT**

- MATERIAL:
 HOUSING:
 PBT POLYESTER, BLACK, UL 94V-0
 TERMINALS:
 0.33 THICK PHOSPHOR BRONZE PLATED WITH 1.27µm MINIMUM THICK
 HARD GOLD IN LOCALIZED AREA AND 2.0µm MINIMUM THICK
 MATTE TIN IN COMPLIANT PIN TERMINAL AREA
 OVER 1.27µm MINIMUM THICK NICKEL UNDERPLATE
 SHIELD:
 0.25 THICK COPPER ALLOY PLATED WITH 2.03µm MINIMUM TIN
 OVER 1.27 µm MINIMUM NICKEL
 GROUND CLIP: 0.25 THICK COPPER ALLOY PRE-PLATED WITH 2.03µm
 MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL
 LIGHT EMITTING DIODE (LED):
 DIFFUSED EPOXY LENS, 12.95 CARBON STEEL WIREFRAME LEADS 8.89µm THICK
 Sn/Cu OVER 2.03µm THICK Ag OVER 1.02µm THICK Cu OVER 3.56µm THICK Ni
 OVER 1.02µm THICK Cu UNDERPLATE
 LED COMPLIANT PIN CONTACTS:
 0.3 THICK BRASS PLATED WITH WITH 2µm MINIMUM MATTE TIN OVER
 1.27µm MINIMUM NICKEL UNDERPLATE.
 - 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

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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±0.13
3 PLC	±
4 PLC	±
ANGLES	±1

MATERIAL: SEE NOTE 1

FINISH: SEE NOTE 1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: R. SCHRUM/24OCT2006

CHK: J. WESTMAN/24OCT2006

APVD: S. FLICKINGER/24OCT2006

NAME: STACKED MODULAR JACK ASSEMBLY, 2x4 OFFSET, WITH LEDS, 8 POSN, RJ45 SHIELDED, PANEL GROUNDS, CAT 5

PRODUCT SPEC: 108-1854

APPLICATION SPEC: 114-2160

SIZE: A1

CAGE CODE: 00779

DRAWING NO: 1888507

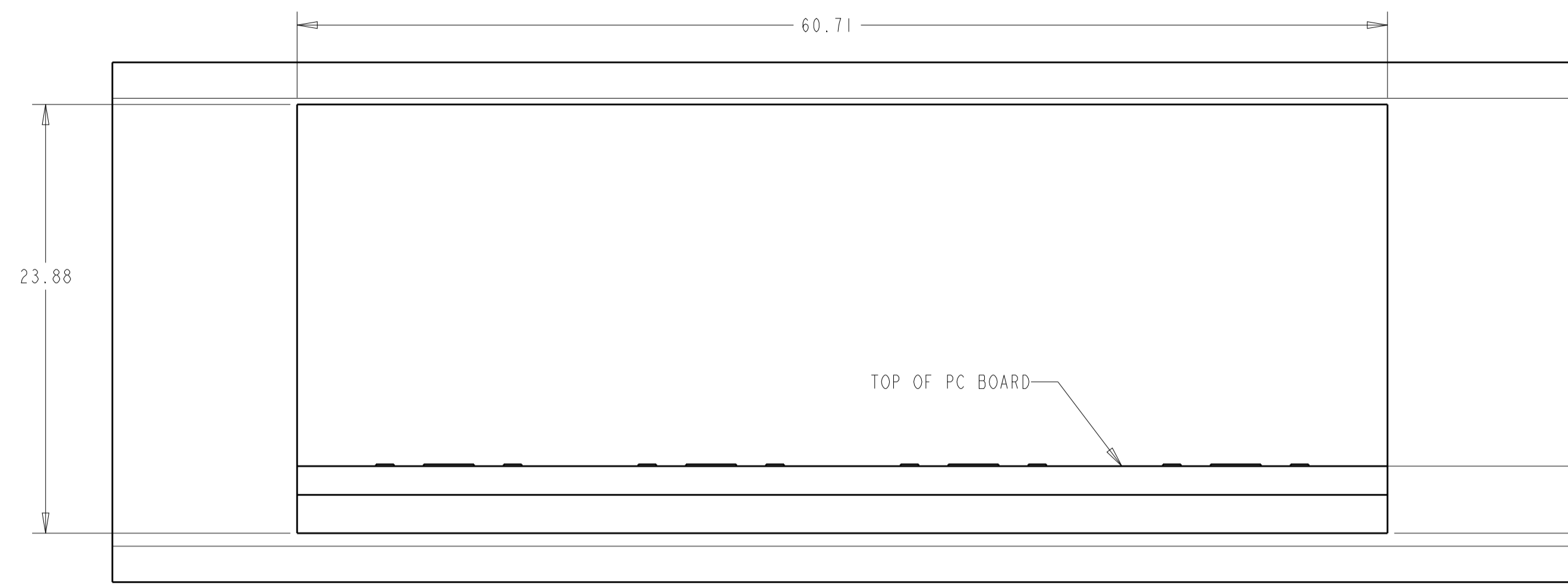
SCALE: 4:1

SHEET: 1 OF 2

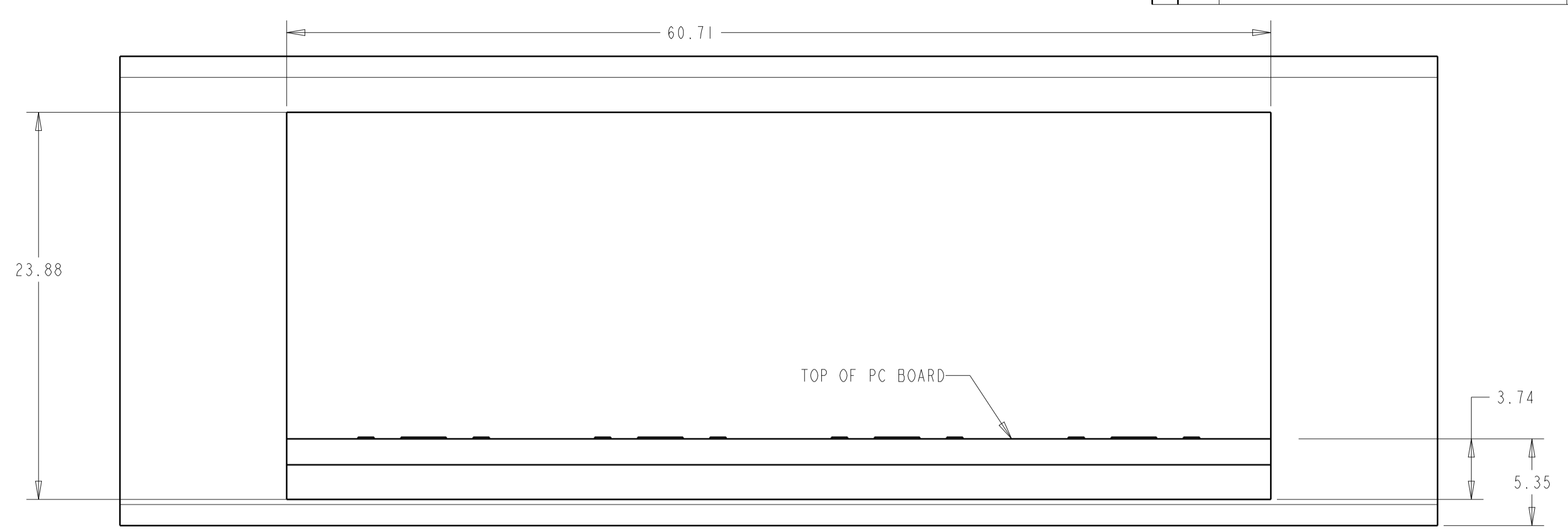
REV: C

LOC	DIST	REV	DATE	BY	APPV
AA	00				

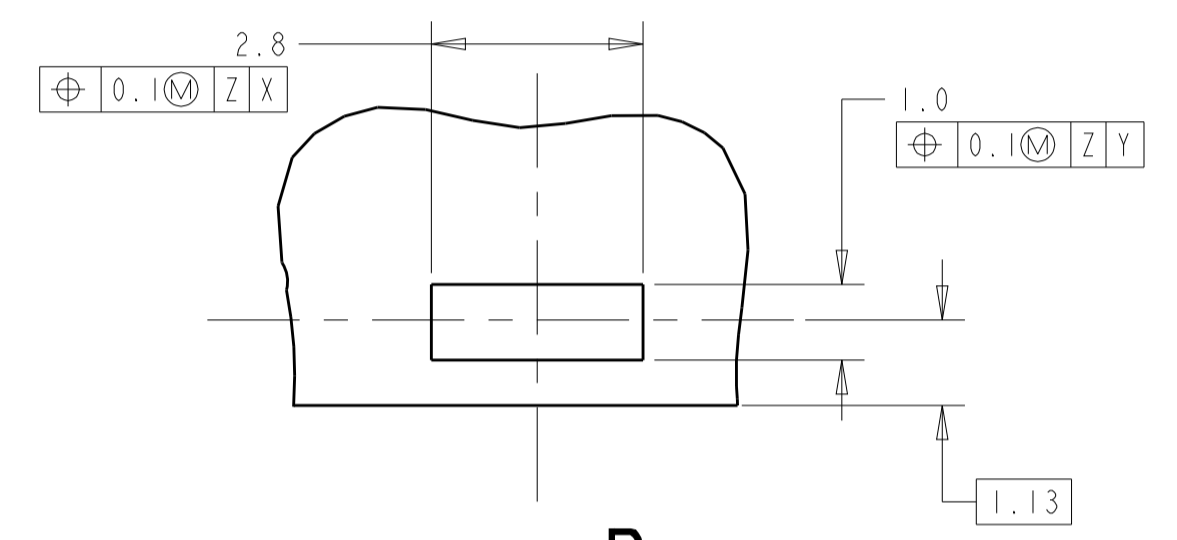
REVISIONS		DATE	BY	APPV
1	SEE SHEET 1	-	-	-



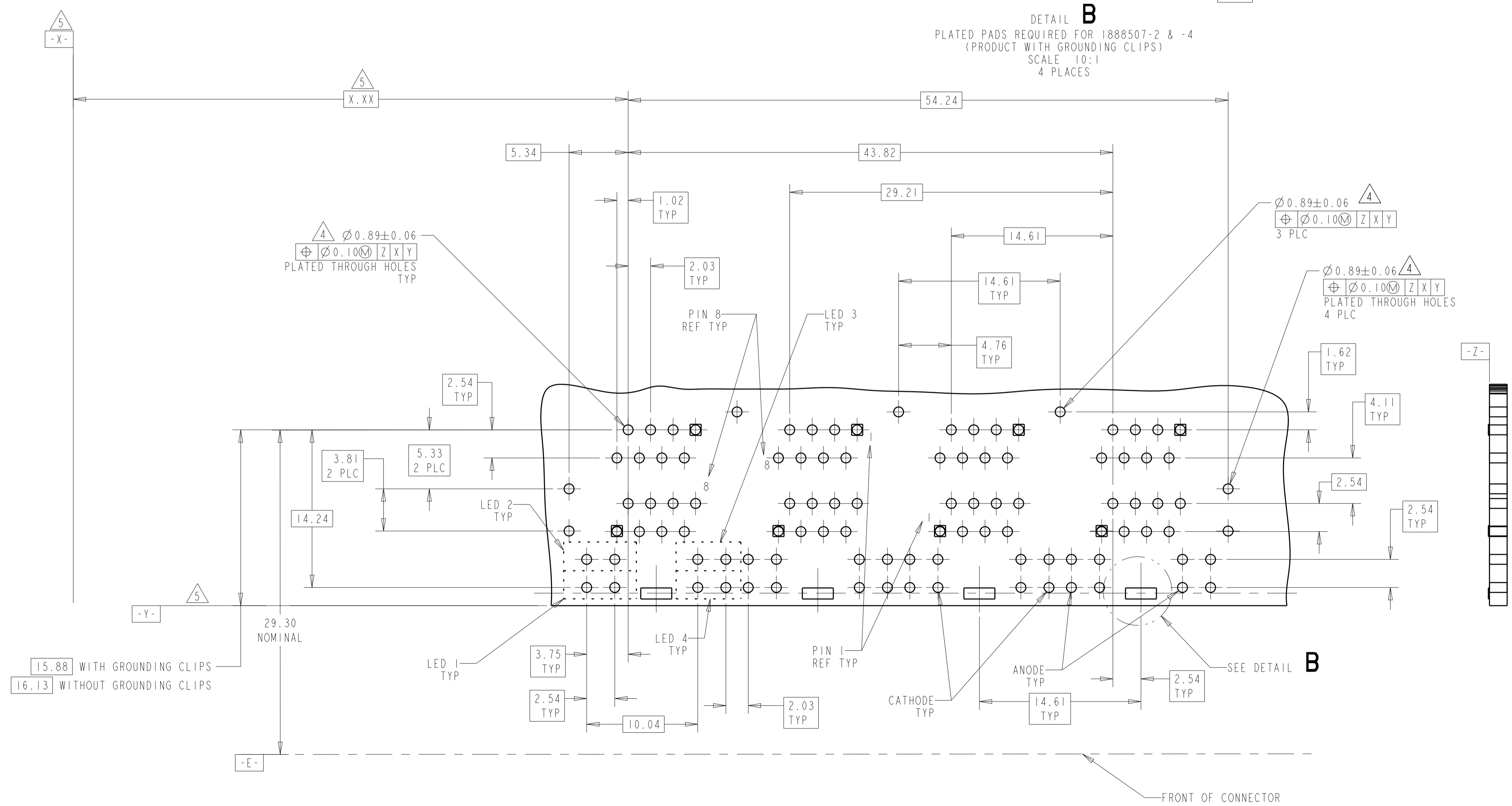
ATCA PANEL AND PRINTED CIRCUIT BOARD LAYOUT



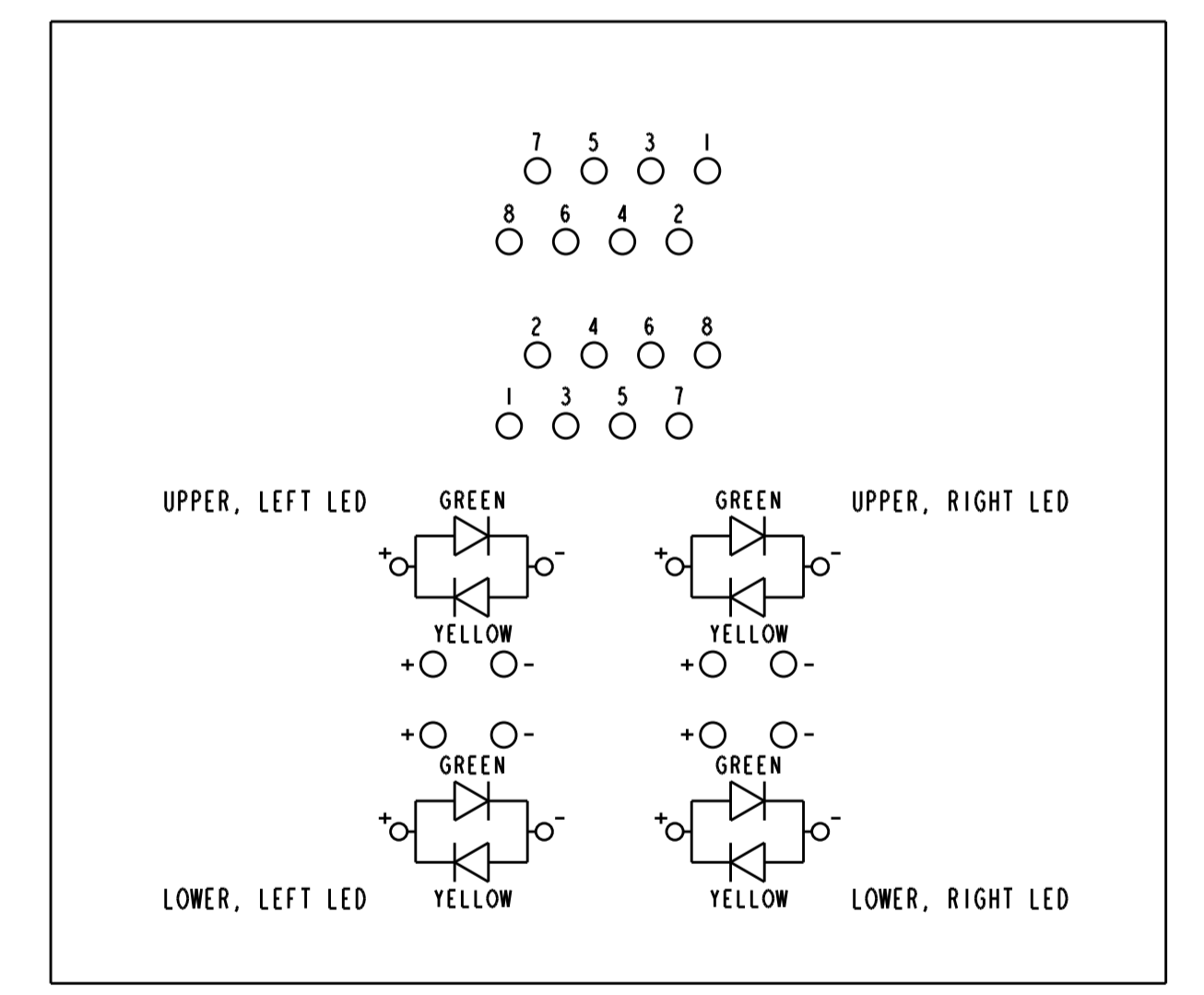
AMC PANEL AND PRINTED CIRCUIT BOARD LAYOUT



DETAIL B
 PLATED PADS REQUIRED FOR 1888507-2 & -4
 (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.		OWN: R. SCHRUM/L. WAYER 24OCT2006 CHK: J. WESTMAN 24OCT2006 APVD: S. FELICKINGER 24OCT2006	TE Connectivity NAME: STACKED MODULAR JACK ASSEMBLY, 2x4 OFFSET, WITH LEDS, 8 POSN, RJ45 SHIELDED, PANEL GROUNDS, CAT 5 PRODUCT SPEC: 108-1854 APPLICATION SPEC: 114-2160 SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1888507 CUSTOMER DRAWING
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIMENSIONS: mm 0 PLC ± 1 PLC ±0.13 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±1 MATERIAL: SEE NOTE 1 FINISH: SEE NOTE 1	
FRONT OF CONNECTOR		SCALE: 4:1	SHEET 2 OF 2 REV C

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