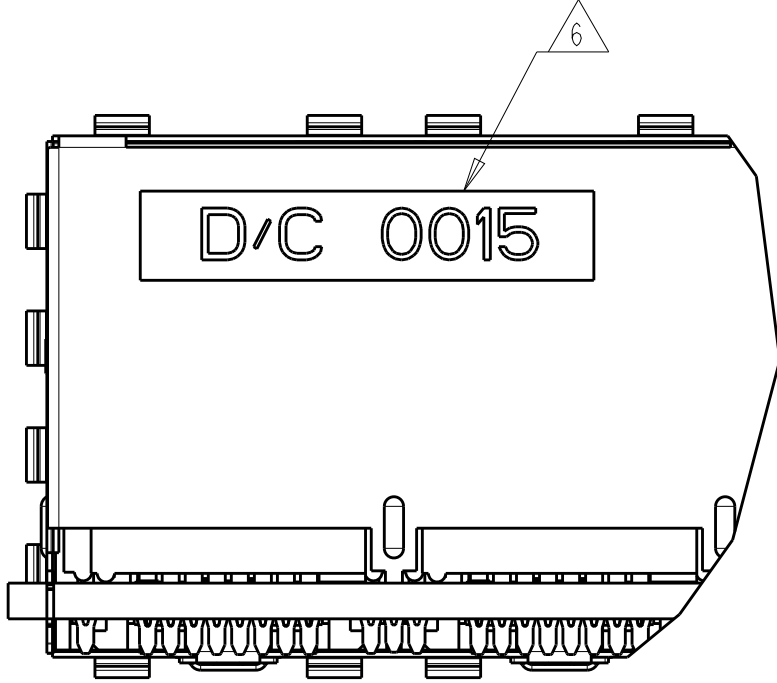
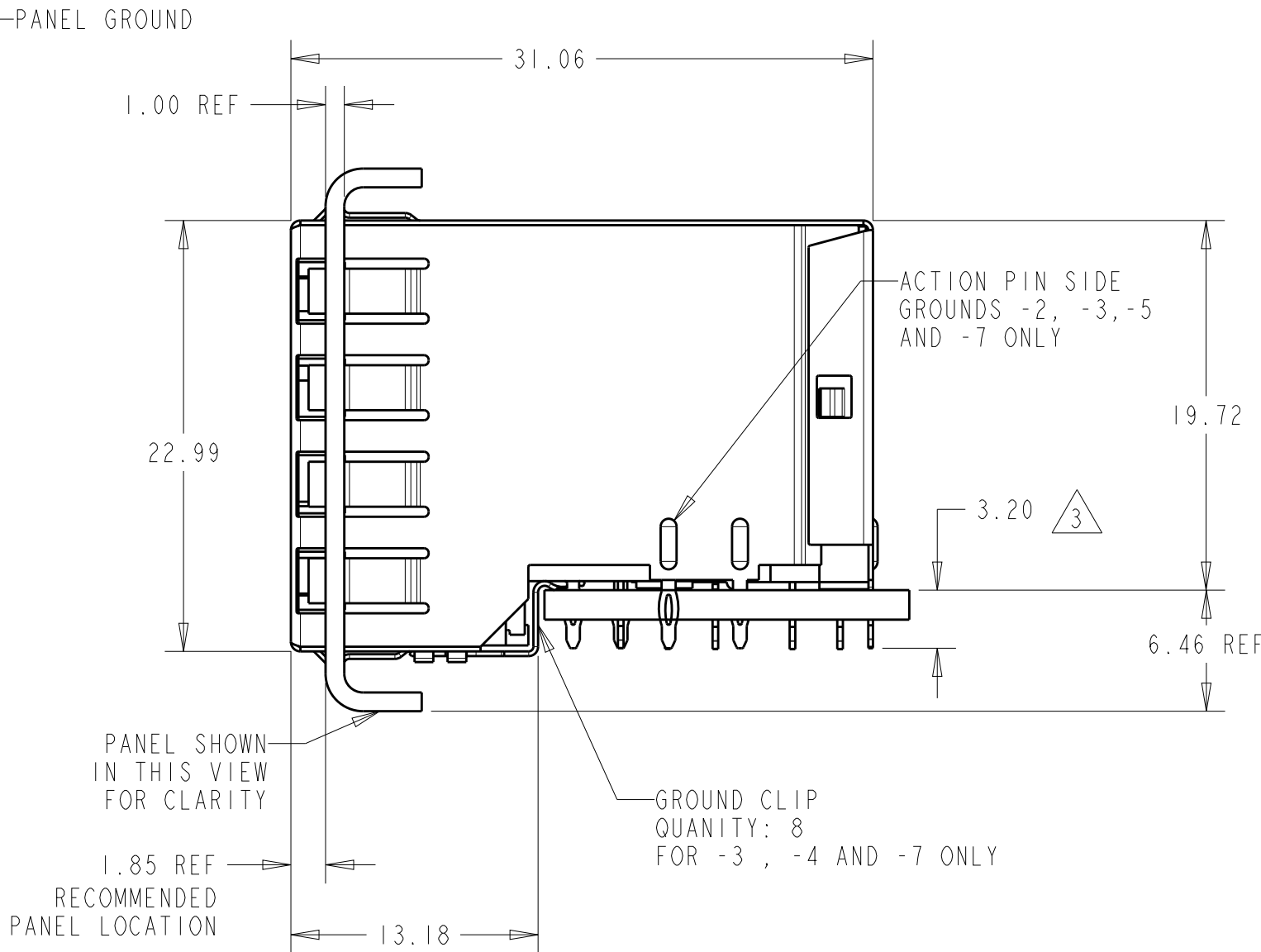
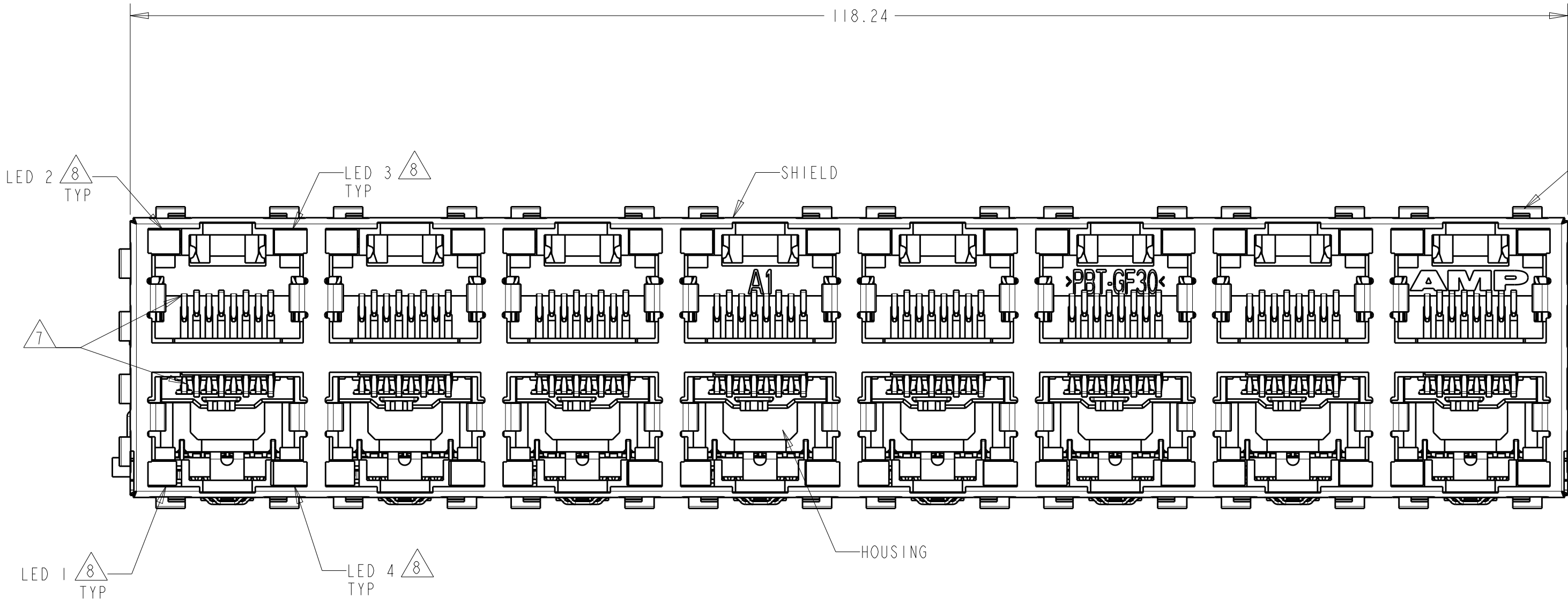
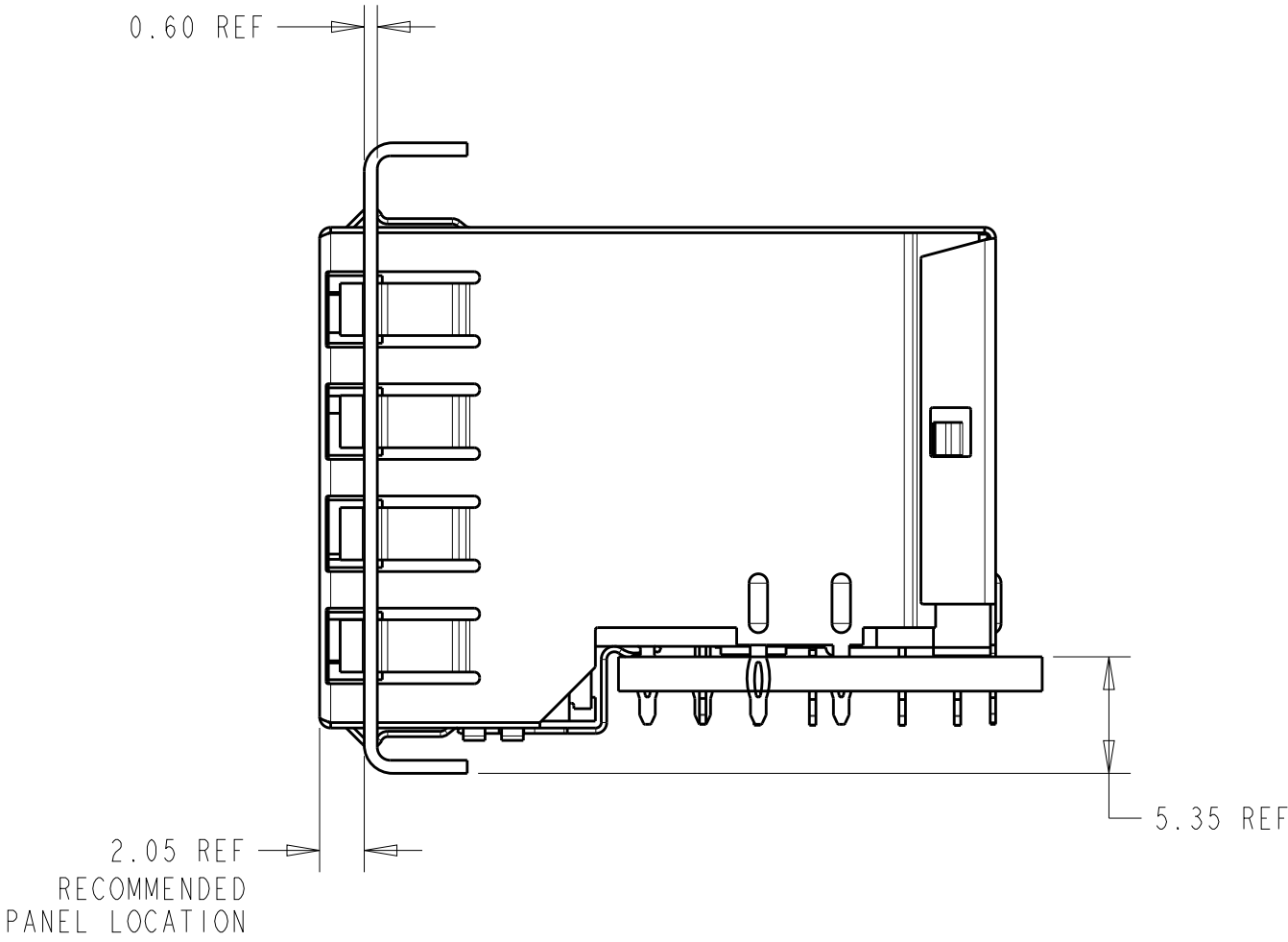


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
D		REV PER ECR-09-024937	12NOV2009	DZ	SY
E		ECO-15-006810	22JAN2016	LL	SH



ATCA PANEL AND
PRINTED CIRCUIT BOARD
ASSEMBLY LAYOUT



AMC PANEL AND
PRINTED CIRCUIT BOARD
ASSEMBLY LAYOUT

1. MATERIAL:
HOUSING:
PBT POLYESTER, BLACK, UL 94V-0
TERMINALS:
0.33 THICK PHOSPHOR BRONZE PLATED WITH 1.27µm 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

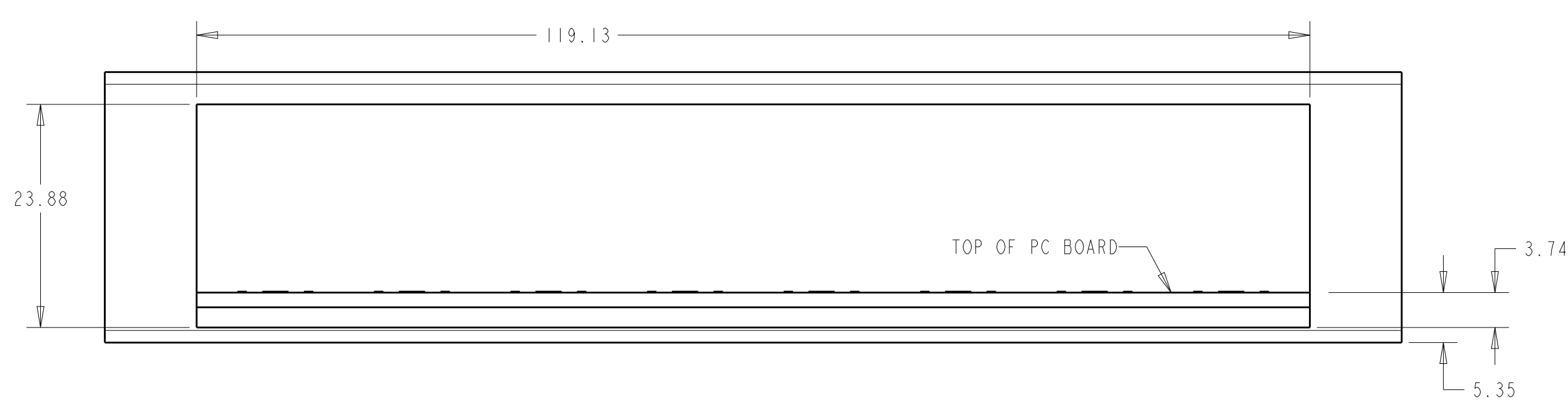
LIGHT EMITTING DIODE (LED):
DIFFUSED EPOXY LENS, 12.95 CARBON STEEL WIREFRAME LEADS
PREPLATED WITH 8.89µm THICK Sn/Cu OVER 2.03µm THICK Ag
OVER 1.02µm THICK Cu OVER 3.56µm THICK Ni OVER
1.02µm THICK Cu UNDERPLATE

LED COMPLIANT PIN CONTACTS:
0.3 THICK BRASS PLATED WITH 2µm MINIMUM MATTE TIN OVER
1.27µm 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

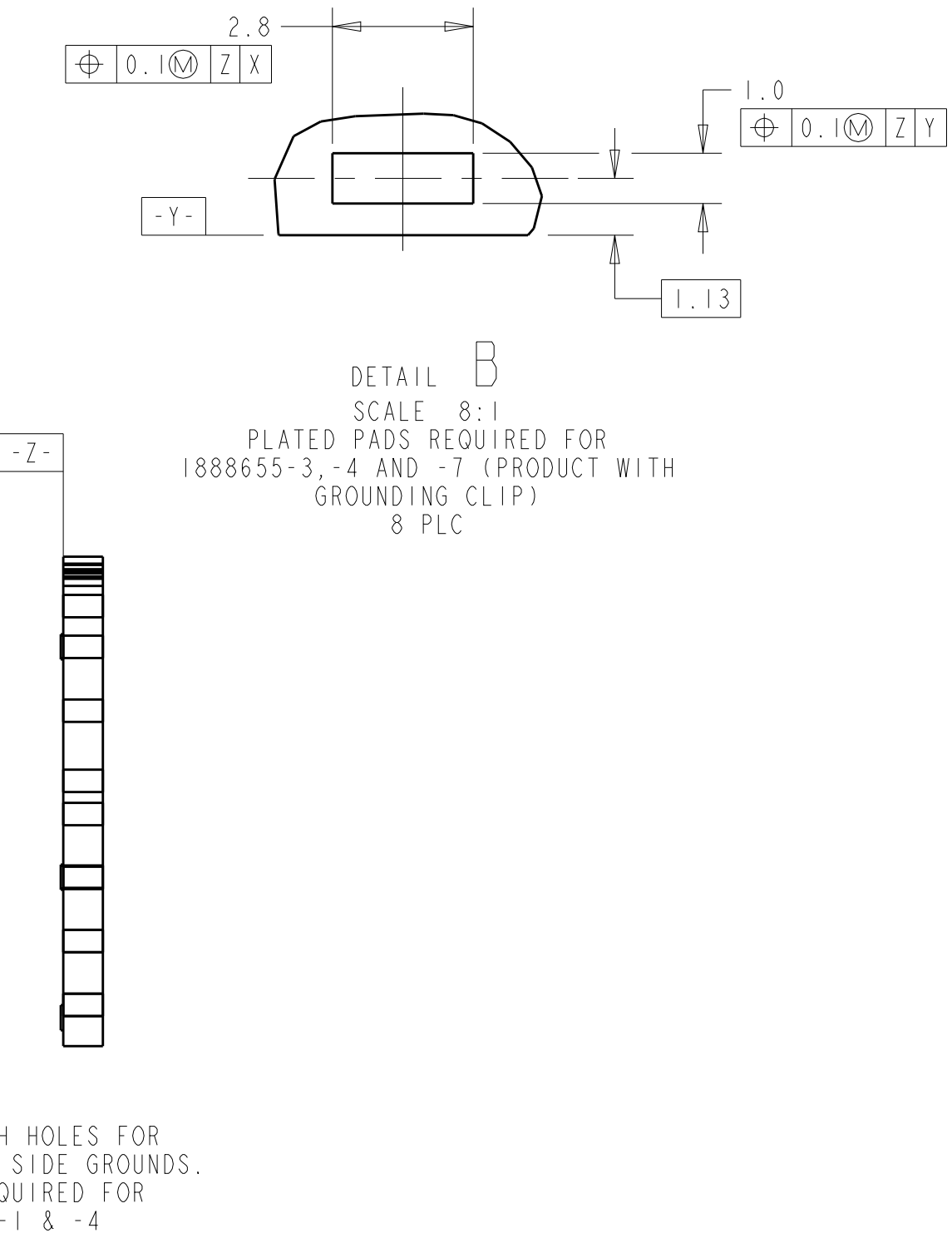
15.88	GREEN/YELLOW	GREEN/YELLOW	GREEN/YELLOW	GREEN/YELLOW	YES	WITH GROUND CLIP	1888655-7
16.13	YELLOW	YELLOW	GREEN/YELLOW	GREEN/YELLOW	YES	WITHOUT GROUND CLIP	1888655-6
16.13	YELLOW	YELLOW	GREEN	GREEN	YES	WITHOUT GROUND CLIP	1888655-5
15.88	GREEN	GREEN	GREEN	GREEN	NO	WITH GROUND CLIP	1888655-4
15.88	GREEN	GREEN	GREEN	GREEN	YES	WITH GROUND CLIP	1888655-3 (SHOWN)
16.13	GREEN	GREEN	GREEN	GREEN	YES	WITHOUT GROUND CLIP	1888655-2
16.13	GREEN	GREEN	GREEN	GREEN	NO	WITHOUT GROUND CLIP	1888655-1
M DIM	LED #4 (LOWER-RIGHT)	LED #3 (UPPER-RIGHT)	LED #2 (UPPER-LEFT)	LED #1 (LOWER-LEFT)	SHIELD SIDE ACTION PIN	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L.A.MAYER 31OCT2006	 TE Connectivity			
		CHK J.WESTMAN 31OCT2006				
		APVD S.FLICKINGER 31OCT2006				
DIMENSIONS:		NAME				
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC				
	0 PLC ± 1 PLC ± 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ±1° FINISH	108-1854 APPLICATION SPEC 114-2160 WEIGHT				
MATERIAL	SEE NOTE 1	CUSTOMER DRAWING	SIZE A1	CAGE CODE 00779	DRAWING NO C-1888655	RESTRICTED TO -
			SCALE 3:1	SHEET 1	OF 2	REV E

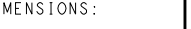


AMC PANEL AND PRINTED CIRCUIT BOARD LAYOUT

SCALE 2:1



PC BOARD LAYOUT (COMPONENT SIDE)

THIS DRAWING IS A CONTROLLED DOCUMENT		DWN L. A. MAYER 31OCT2006		 TE Connectivity	
		CHG WESTMAN 31OCT2006			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME STACKED MODULAR JACK ASSEMBLY; 2 X 8, 8 POSN, SHIELDED, PANEL GROUND, OFFSET, CAT 5	
mm		APPROX S. FLICKINGER			
		PRODUCT SPEC			
		108-1854			
		APPLICATION SPEC			
		114-2160			
MATERIAL		WEIGHT		RESTRICTED TO	
SEE NOTE 1		-		-	
		CUSTOMER DRAWING			
				SCALE 2:1 SHEET 2 OF 2 REV E	

Mouser Electronics

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[1888655-4](#)