

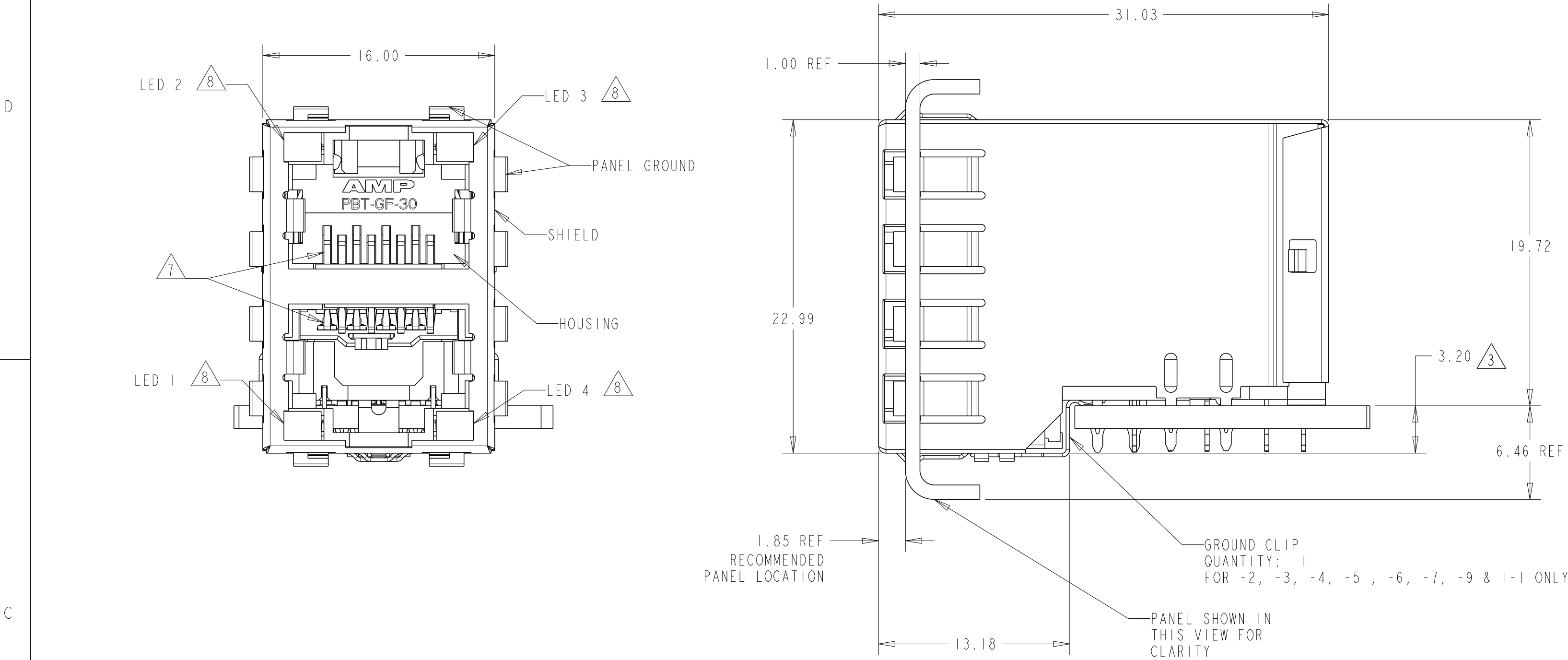
LOC		DIST		REVISIONS				
P	LYR	DESCRIPTION			DATE	OWN	APVD	
H		ECO-16-010145			11JUL2016	LL	SH	
J		ECO-16-011047			25JUL2016	LL	SH	
K		ECO-17-011372			04AUG2017	LL	SH	
L		ECN-21-115160			15JUL2021	AK	SZ	

D

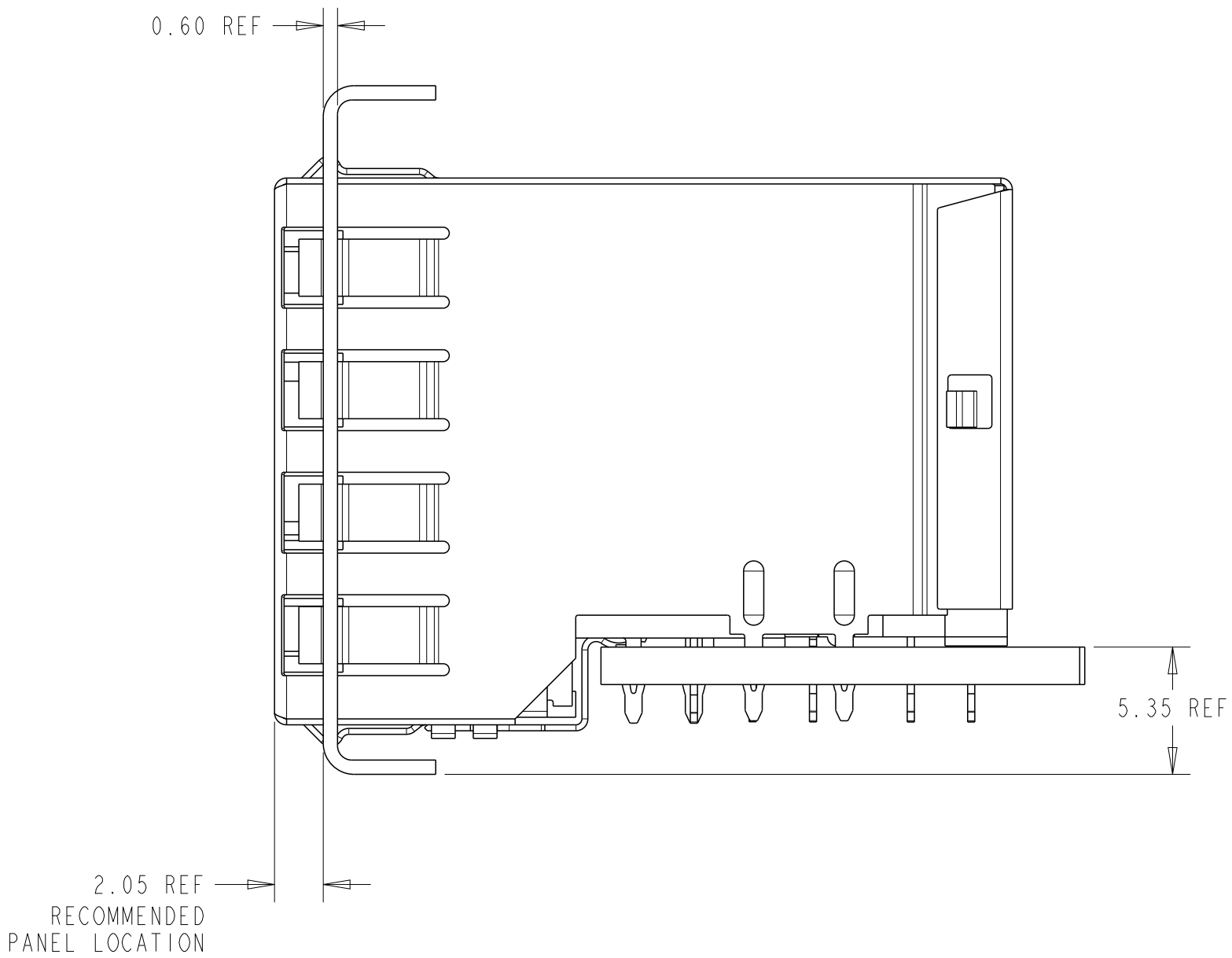
C

B

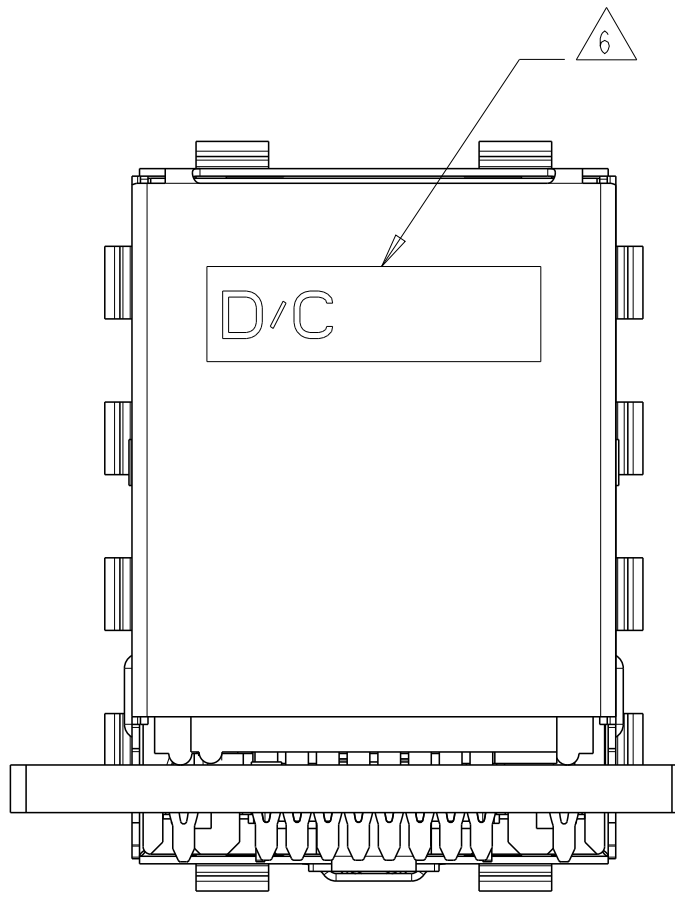
A



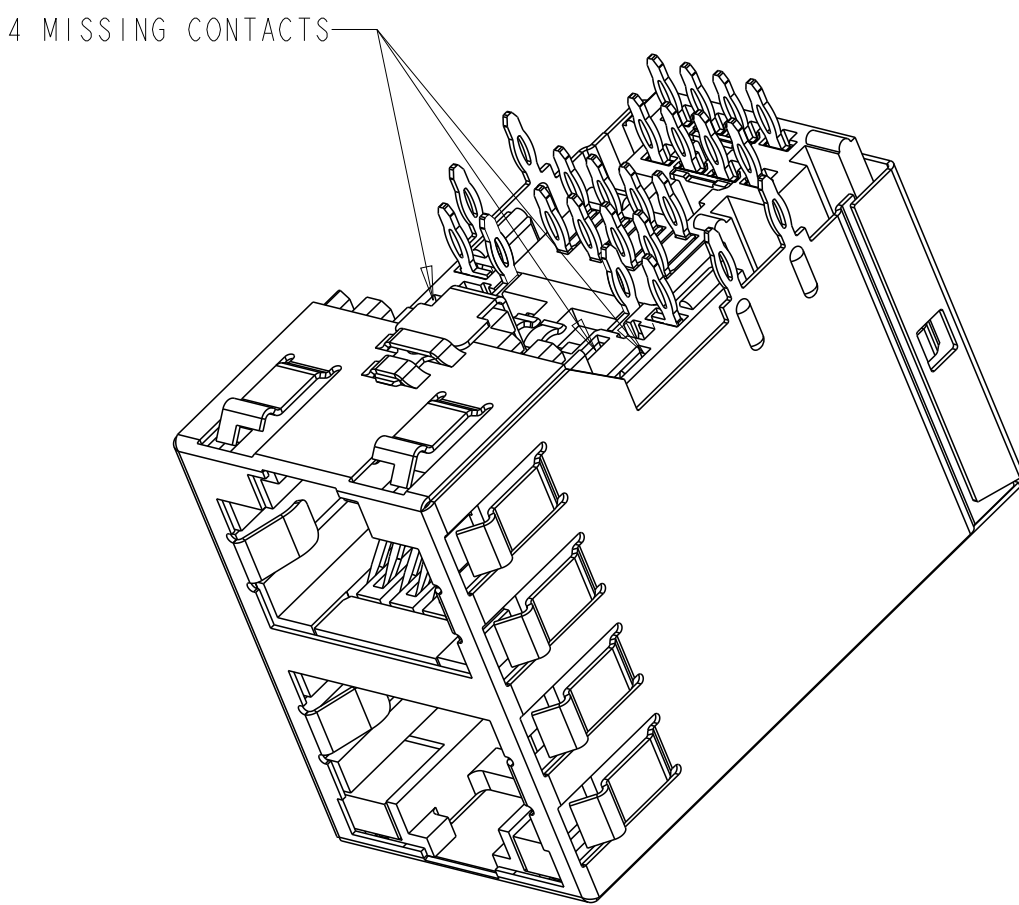
ATCA PANEL AND
PRINTED CIRCUIT BOARD
ASSEMBLY LAYOUT



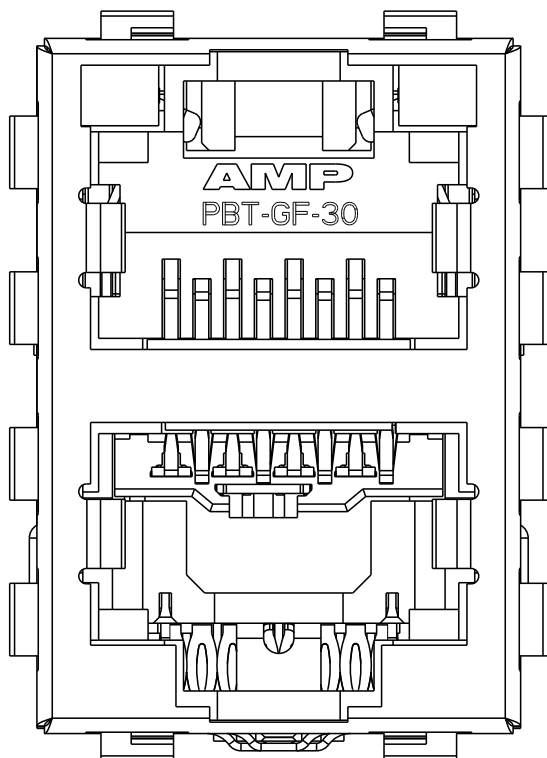
AMC PANEL AND
PRINTED CIRCUIT BOARD
ASSEMBLY LAYOUT



1888653-5,-6
(REPRESENTATION OF -5,-6
SHOWN IN THIS VIEW ONLY)



1-1888653-1
SCALE 3:1



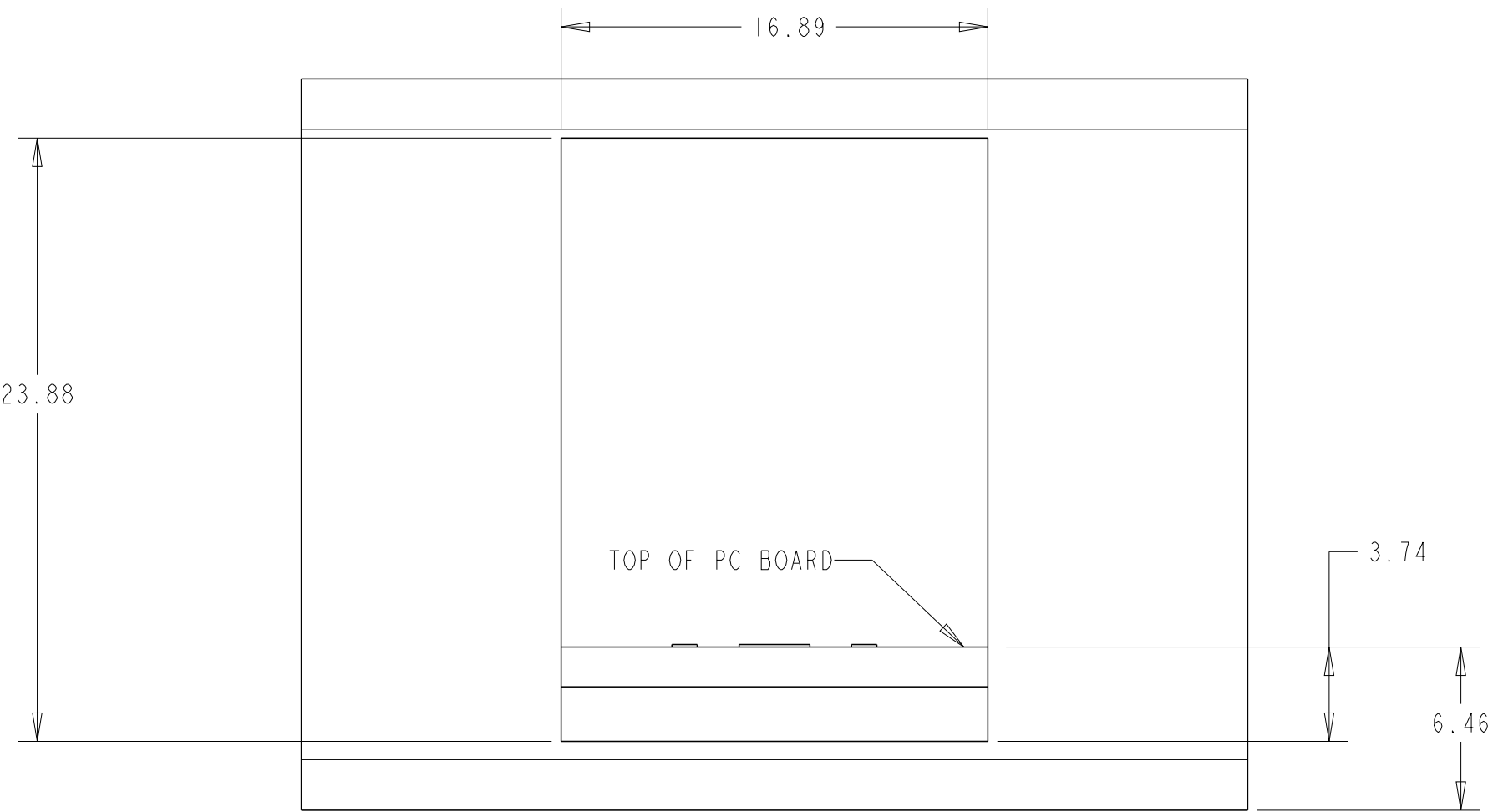
1-1888653-1
SCALE 4:1

- 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 ACTION PIN 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
GROUNDING 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 THK. TIN/COPPER OVER 2.03µm THK. SILVER
OVER 1.02µm COPPER OVER 3.56µm THK. NICKEL OVER 1.02µm THK.
COPPER UNDERPLATE
LED ACTION PIN - COMPLIANT PIN CONTACTS
0.3 THICK BRASS PLATED WITH 2µm MINIMUM MATTE TIN OVER
1.27µm MINIMUM NICKEL UNDERPLATE.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68
SUBPART F.
MAXIMUM PIN LENGTH 3.40 FROM TOP SURFACE OF PC BOARD.
FINISHED PLATED THRU HOLE DIAMETER -
ANNULAR RING DIAMETER 1.3 TO 1.5
DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
DATE CODE LOCATED ON REAR OF PART APPROXIMATELY AS SHOWN
CONTACTS ARE NOT INTENDED TO BE ALIGNED WITH EACH OTHER
SUGGESTED OPERATING CURRENT FOR LEDS IS 20 mA
PCB THROUGH HOLES FOR LED #1 AND LED #4 ARE NOT REQUIRED FOR 1888653-5,6,1-1888653-1.
THE PN 1-1888653-1 LED DOMINANT WAVELENGTH: GREEN 525nm TYP. YELLOW 590nm TYP.

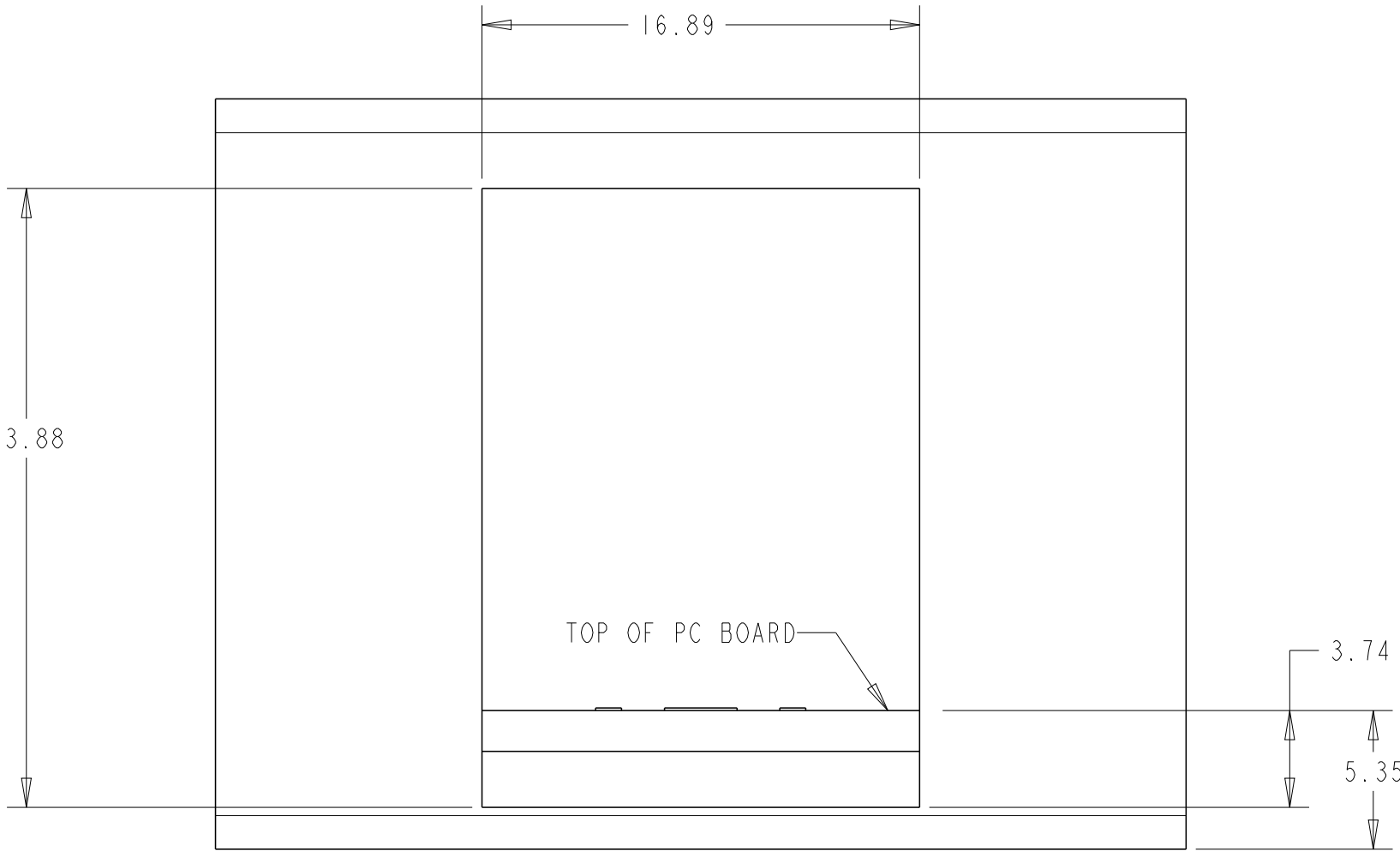
15.88	NONE	GREEN/YELLOW	GREEN/YELLOW	NONE	WITH GROUND CLIP	1-1888653-1
15.88	NONE	GREEN	YELLOW	NONE	WITH GROUND CLIP	1888653-9
15.88	YELLOW	GREEN	GREEN	GREEN	WITH GROUND CLIP	1888653-7
15.88	NONE	GREEN	GREEN	NONE	WITH GROUND CLIP	1888653-6
15.88	NONE	YELLOW	GREEN	NONE	WITH GROUND CLIP	1888653-5
15.88	YELLOW	YELLOW	GREEN	GREEN	WITH GROUND CLIP	1888653-4
15.88	GREEN	GREEN	YELLOW	YELLOW	WITH GROUND CLIP	1888653-3 (SHOWN)
15.88	GREEN	GREEN	GREEN	GREEN	WITH GROUND CLIP	1888653-2
16.13	GREEN	GREEN	GREEN	GREEN	WITHOUT GROUND CLIP	1888653-1
M DIM	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.		OWN L.A.MAYER	19OCT2006	NAME STACKED MOD JACK ASSEMBLY, 2 X 1, 8 POSN, RJ45, SHIELDED, PANEL GROUND, OFFSET, CAT 5e		
DIMENSIONS:		CHK J.WESTMAN	19OCT2006			
mm		APVD S.FLICKINGER		SIZE A1		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CAGE CODE 00779		
		0 PLC ± 1 PLC ± 2 PLC ±0.13 3 PLC ± 4 PLC ± ANGLES ±1° FINISH		DRAWING NO 114-2160		
MATERIAL SEE NOTE 1		WEIGHT -		REV L		
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 2		

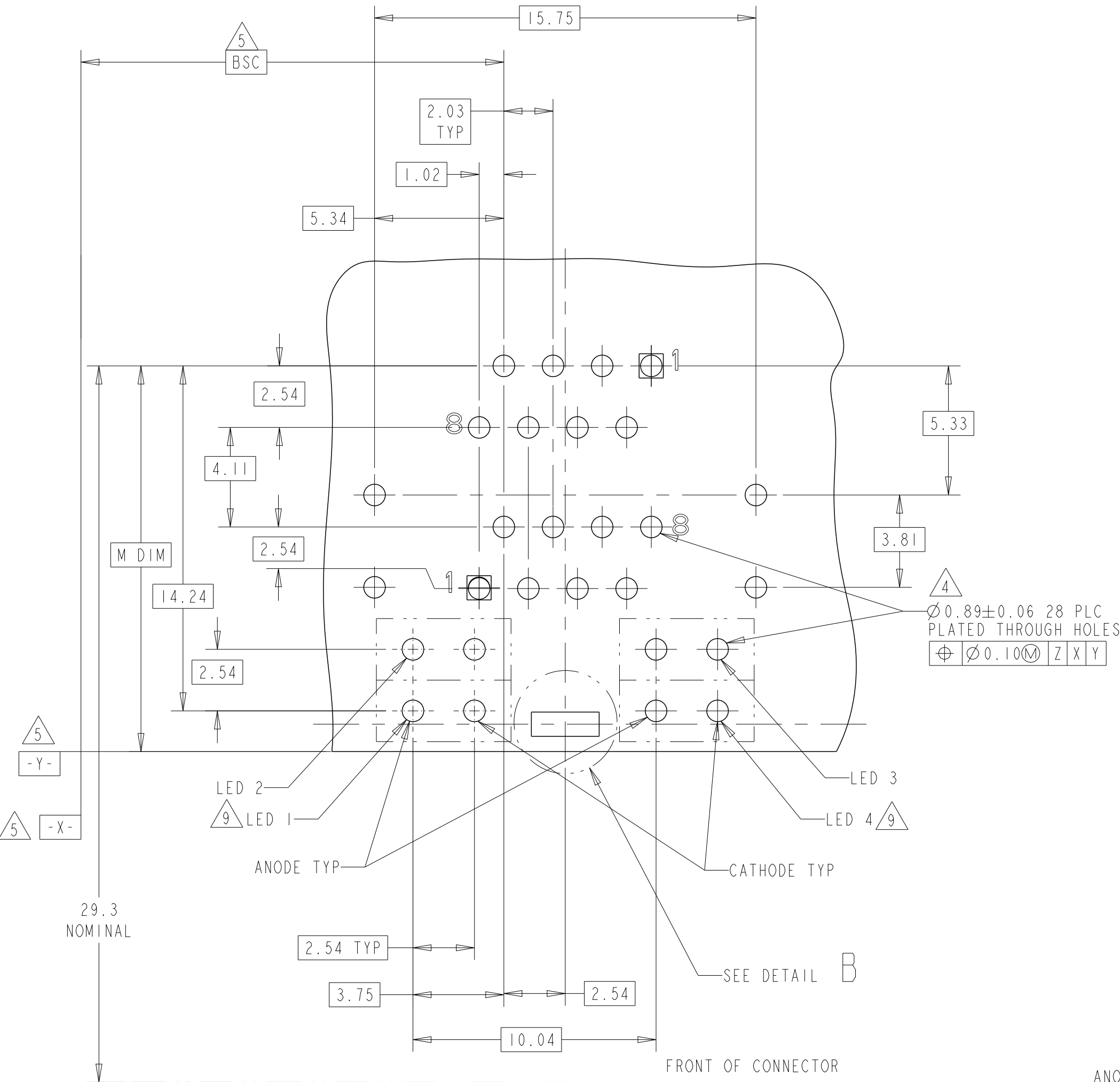
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
AA	00	-	-	SEE SHEET 1	-	-



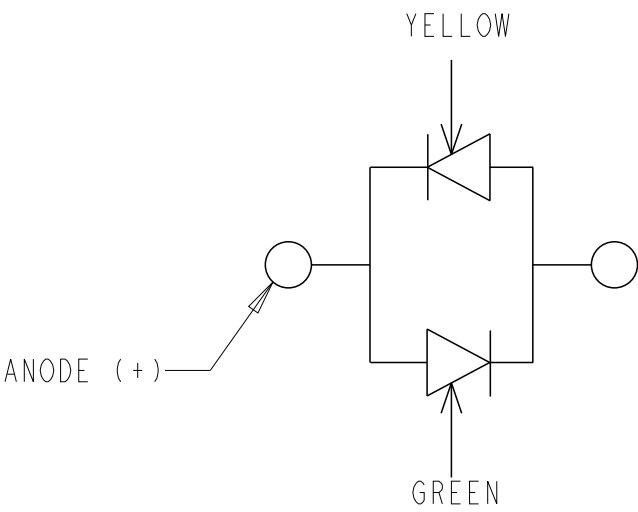
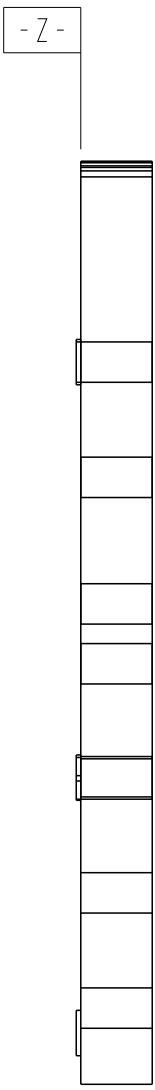
ATCA PANEL AND
PRINTED CIRCUIT BOARD LAYOUT



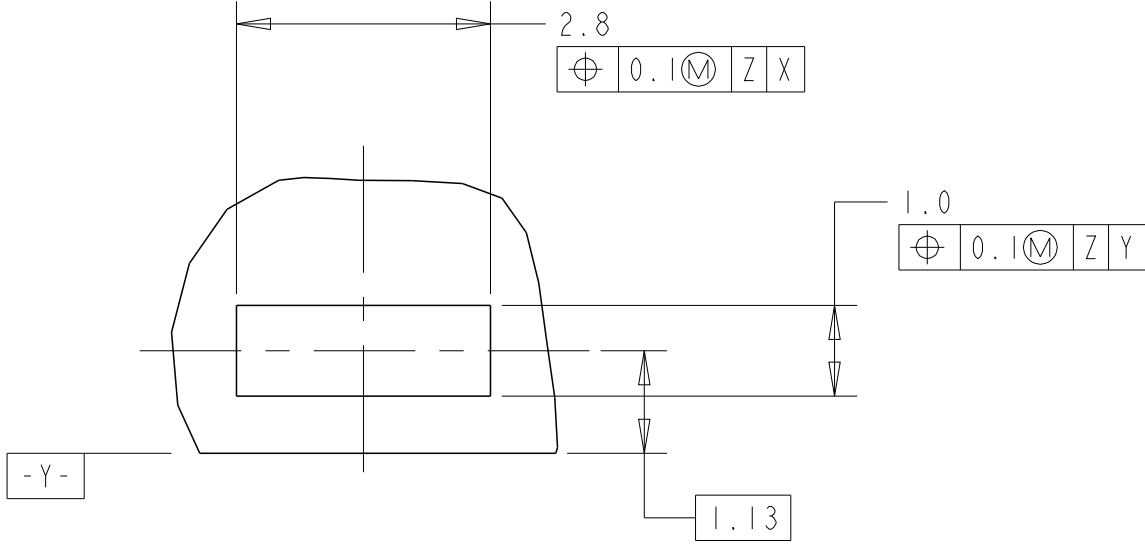
AMC PANEL AND
PRINTED CIRCUIT BOARD LAYOUT



PC BOARD LAYOUT
(COMPONENT SIDE)



LED CURRENT DIAGRAM
FOR 1-1888653-1



DETAIL B
SCALE 12:1
PLATED PADS REQUIRED FOR
1888653 -2, 3, -4, -5, -6, -7, -9 & 1-1 (PRODUCT WITH
GROUNDING CLIPS)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L.A.MAYER 19OCT2006	TE Connectivity	
DIMENSIONS: mm		CHK J.WESTMAN 19OCT2006		
		APVD S.FLICKINGER 19OCT2006	NAME STACKED MOD JACK ASSEMBLY, 2 X 1, 8 POSN, RJ45, SHIELDED, PANEL GROUND, OFFSET, CAT 5e	
		PRODUCT SPEC 108-1854	SIZE A1	
MATERIAL SEE NOTE 1		APPLICATION SPEC 114-2160	CAGE CODE 00779	
		WEIGHT -	DRAWING NO C=1888653	
		CUSTOMER DRAWING		SCALE 6:1
				SHEET 2 OF 2
				REV L