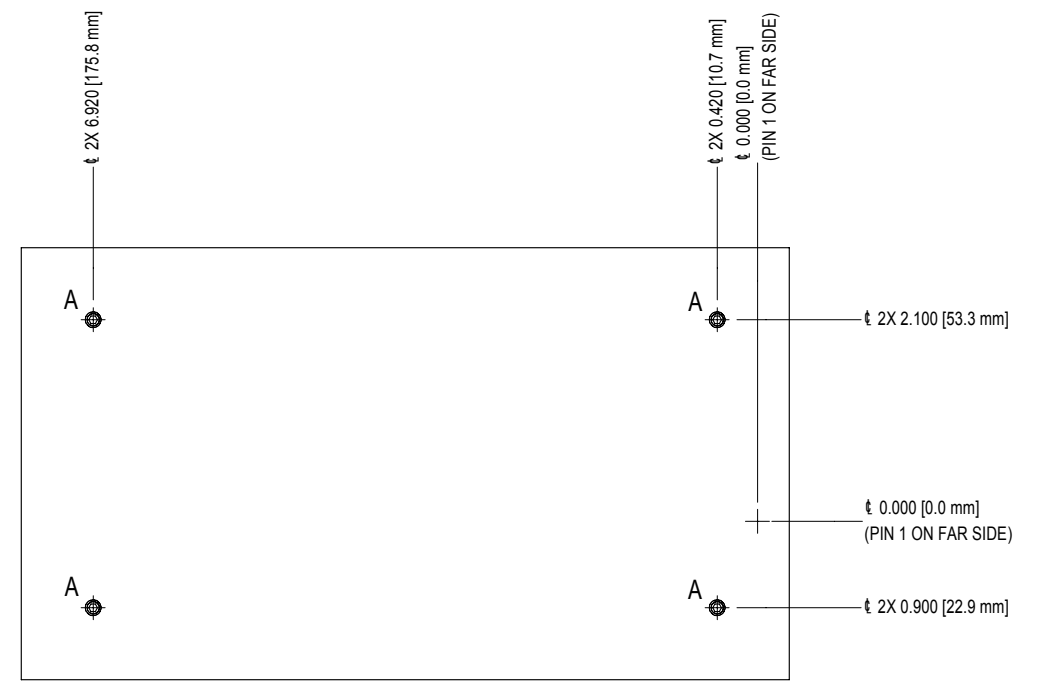
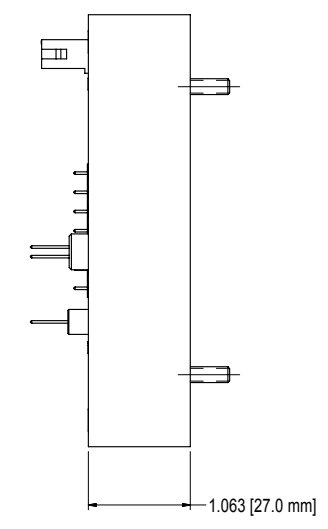
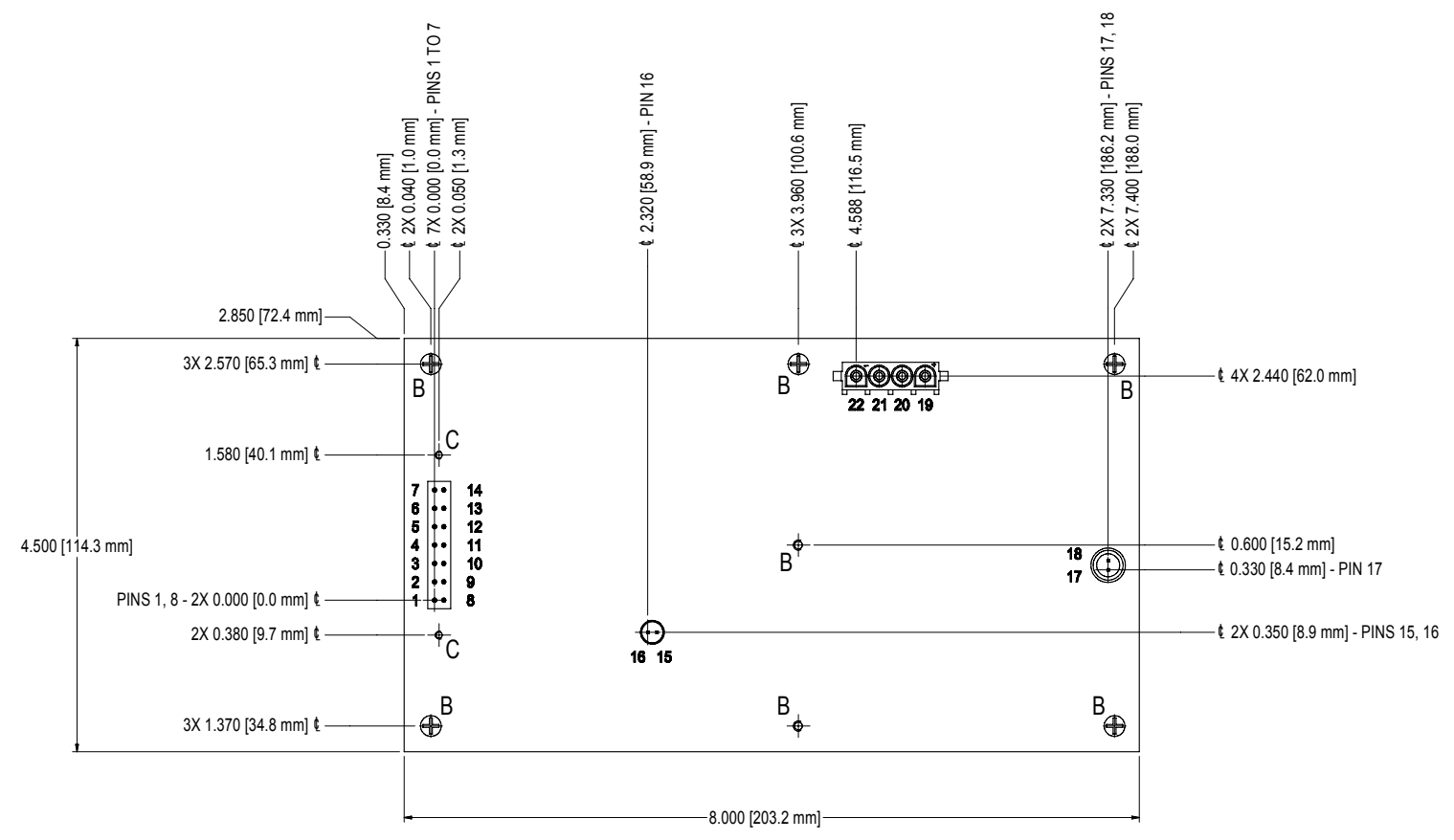


REVISIONS				
REV	DESCRIPTION	BY	DATE	APPD
J	REDESIGNED UNIT AND REDRAWN PER EC-01428-LV	A.S.	06/20/2012	SW



NOTES:

- 1- PINS:
 - 1.1- MATERIAL: GOLD PLATED 0.025 [0.64mm] SQUARE.
 - 1.2- THE CENTER OF THE PINS AND MOUNTING HOLES ARE LOCATED FROM THE CENTER OF PIN 1.
 - 1.3- PINS 1 THRU 14 SPACING 0.100 [2.54mm] X 0.200 [5.08mm] ON CENTER, HEIGHT FROM COVER 0.280 [7.11mm] MIN.
SHOULDER MATERIAL: DIALLYL PHTHALATE UL 94 V-0 RATED OR FR4 UL 94 V-0 RATED.
SHOULDER SIZE: 0.250 [6.35mm] X 1.400 [35.56mm] X 0.010 [0.25mm] HEIGHT FROM COVER.
MOUNTING HOLES FOR RETENTION BRACKET #2-56 X 0.125 [3.17mm] DEEP. (MARKED "C" - 2 PLACES)
 - 1.4- PINS 15 AND 16 SPACING 0.100 [2.54mm] ON CENTER, HEIGHT FROM COVER 0.280 [7.11mm] MIN.
SHOULDER MATERIAL: TEFLON.
SHOULDER SIZE: OD 0.260 [6.60mm] X ID 0.230 [5.84mm] X 0.210 [5.33mm] HEIGHT FROM COVER.
 - 1.5- PINS 17 AND 18 SPACING 0.100 [2.54mm] ON CENTER, HEIGHT FROM COVER 0.280 [7.11mm] MIN.
SHOULDER MATERIAL: DIALLYL PHTHALATE UL 94 V-0 RATED.
SHOULDER SIZE: OD 0.380 [9.65mm] X ID 0.250 [6.35mm] X 0.200 [5.08mm] HEIGHT FROM COVER.
 - 1.6- PINS 19 THRU 22, STANDARD POWER CONNECTOR TYCO-AMP MATE-N-LOK RECEPTACLE WITH SOCKET CONTACTS P/N 350761-4. MATES TO PLUG TYCO-AMP P/N 1-480702-0.
 - 1.7- -Y11 VERSION SEE OL-032-A DRAWING.
- 2- MOUNTING:
 - 2.1- BOTTOM MOUNTING: #8-32 X 0.410 [10.41mm] LONG THREADED STUD (MARKED "A" - 4 PLACES).
 - 2.2- ALTERNATE BOTTOM MOUNTING: REMOVE SET SCREWS (4X) AND USE #8-32 X 0.140 [13.55mm] DEEP MAX. THREADED PEM NUTS FOR INSTALLATION (4 PLACES).
 - 2.3- ALTERNATE BOTTOM MOUNTING: SUBSTITUTE SET SCREWS WITH METRIC ADAPTER KIT (MTG-1 KIT), SET SCREWS M4 X 0.575 [14.60mm] MAX. HEIGHT (4 PLACES). TORQUE TO 17 IN-LBS. MAX.
 - 2.4- TOP MOUNTING -OPTION Z11: REMOVE & DISCARD FIVE SCREWS, ADD 7X #4-40 THREAD MALE/FEMALE STANDOFFS. (MARKED "B" - 7 PLACES)
- 3- CONSTRUCTION:
 - ENCAPSULANT FILLED ALUMINUM BOX ANODIZED, GOLD.
- 4- TOLERANCES:
 - 4.1- OVERALL +/-0.025 [0.64mm].
 - 4.2- PIN TO PIN +/-0.015 [0.38mm].
 - 4.3- MOUNTING HOLE LOCATION +/- 0.025 [0.64mm].
 - 4.4- STUD LENGTH +/-0.040 [1.02mm].
- 5- RoHS:
 - UNITS ARE RoHS COMPLIANT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (mm)			TOLERANCES ARE:		CUSTOMER	
2 PL DEC ± .010	FRACT ± .004	ANGLES ± 2°	DRAWN	Adrian Siu	DATE	2/4/2009
3 PL DEC ± .010	FRACT ± .004	ANGLES ± 2°	CHKD	D. Parant	DATE	3/20/2002
HOLE DIA	TOLERANCES	MFG	N/A			
0138 THRU .125	+ .004 - .004	MFG ENGR	N/A			
.128 THRU .250	+ .005 - .005	PROCESS	N/A			
.251 THRU .500	+ .006 - .006	QA	N/A			
.501 THRU .750	+ .008 - .008	CHEF ENGR	N/A			
.751 THRU 1.000	+ .010 - .010					
1.001 THRU 2.000	+ .012 - .012					
DASH NUMBER			NEXT ASSY		USED ON	
APPLICATION						

ULTRAVOLT, INC.
1800 OCEAN AVE. FRNT. RONKONKOMA, N.Y. 11779
1-631-471-4444

OUTLINE, HPC 1/8KV - 6KV, 250W,
STANDARD & I5/I10 INTERFACE

PART NUMBER: **OL-032** REV **J**

SCALE: NONE DO NOT SCALE THIS DRAWING SHEET 1 OF 2

