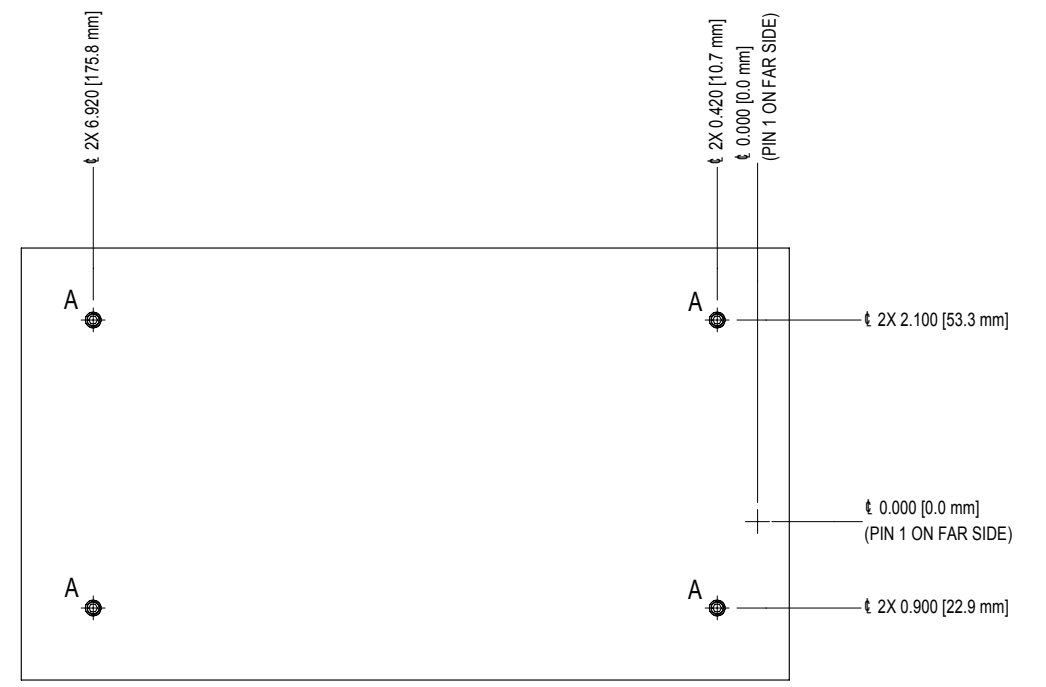
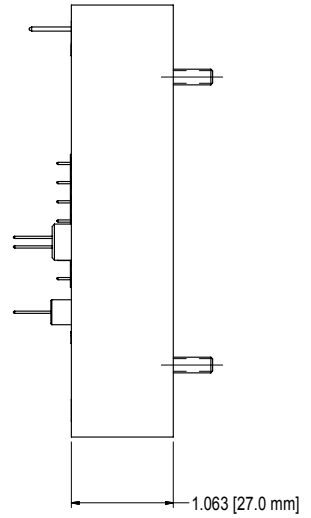
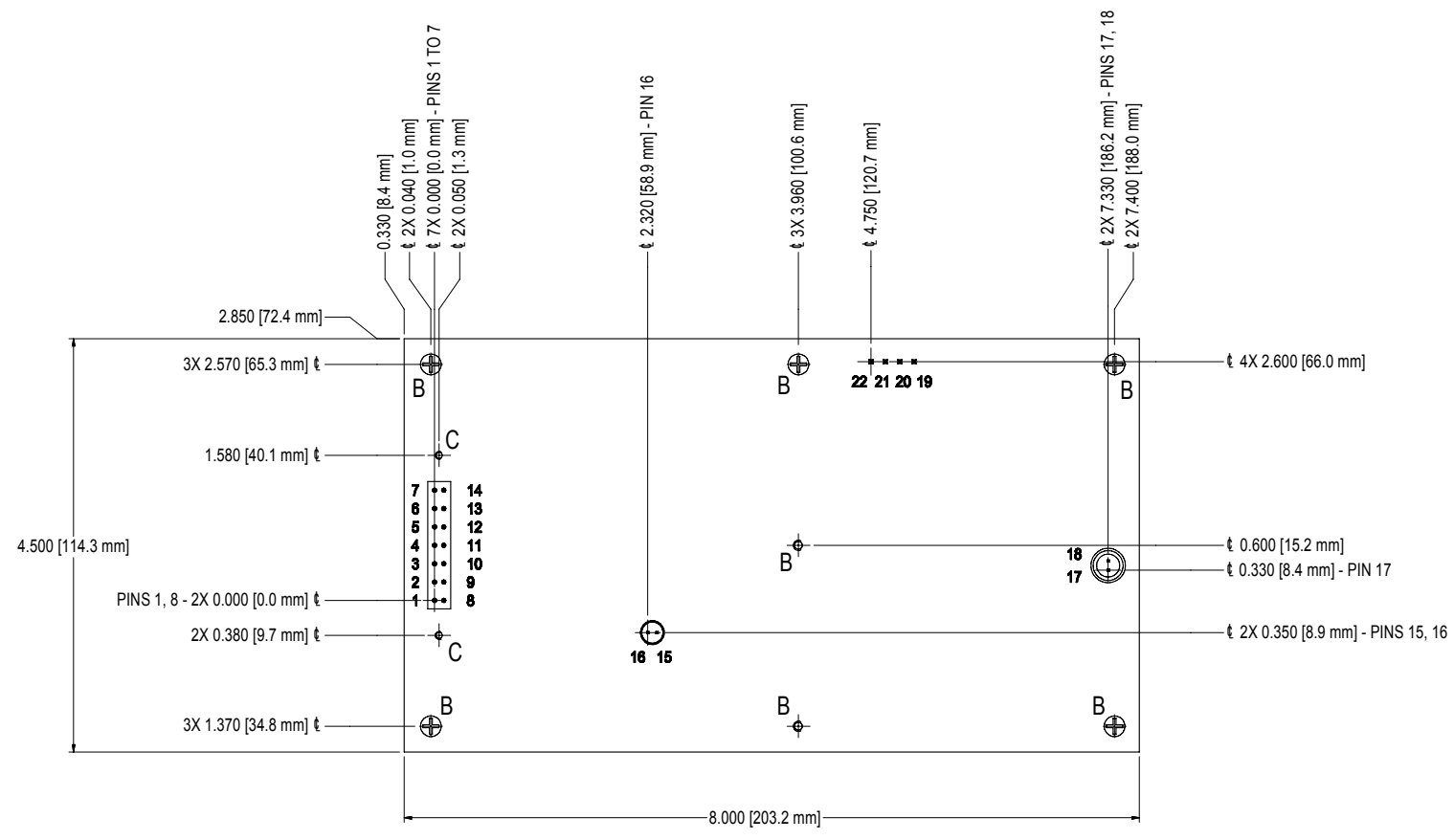


REVISIONS				
REV	DESCRIPTION	BY	DATE	APPD
G	REDESIGNED UNIT AND REDRAWN PER EC-01428-UV	A.S.	03/27/2012	SW



- NOTES:
- PINS:
    - HIGH VOLTAGE, HIGH VOLTAGE GROUND AND CONTROL AND MONITOR PINS
      - MATERIAL: GOLD PLATED 0.025 [0.64mm] SQUARE.
      - THE CENTERING OF THE PINS AND MOUNTING HOLES ARE LOCATED FROM THE CENTER OF PIN 1.
      - 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)
      - 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.
      - 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.
    - INPUT POWER PINS
      - MATERIAL: GOLD PLATED 0.045 [1.14mm] SQUARE, SPACING 0.156 [3.96mm] ON CENTER. HEIGHT FROM COVER 0.400 [10.16mm] MIN.
  - MOUNTING:
    - BOTTOM MOUNTING: #8-32 X 0.410 [10.41mm] LONG THREADED STUD (MARKED "A" - 4 PLACES).
    - 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).
    - 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.
    - TOP MOUNTING -OPTION Z11: REMOVE & DISCARD FIVE SCREWS, ADD 7X #4-40 THREAD MALE/FEMALE STANDOFFS. (MARKED "B" - 7 PLACES)
  - CONSTRUCTION:
    - ENCAPSULANT FILLED ALUMINUM BOX ANODIZED, GOLD.
  - TOLERANCES:
    - OVERALL +/-0.025 [0.64mm].
    - PIN TO PIN +/-0.015 [0.38mm].
    - MOUNTING HOLE LOCATION +/- 0.025 [0.64mm].
    - STUD LENGTH +/-0.040 [1.02mm].
  - RoHS:
    - UNITS ARE RoHS COMPLIANT.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (mm)			TOLERANCES ARE:		CUSTOMER		DATE	
2 PL DEC ± .010	FRAC'S ± .004	ANGLES ± 2°	HOLE DIA	TOLERANCES	DRAWN	Scott Orban	DATE	2/4/2009
0138 THRU 125	+ .004 - .004		128 THRU 250	+ .005 - .005	CHKD	D. Parant	DATE	3/20/2002
251 THRU 500	+ .006 - .006		501 THRU 750	+ .008 - .008	MFG ENGR	N/A		
751 THRU 1,000	+ .010 - .010		1,001 THRU 2,000	+ .012 - .012	PROCESS	N/A		
					QA	N/A		
					CHEF ENG	N/A		

DASH NUMBER		NEXT ASSY	USED ON	APPLICATION

SCALE: NONE		DO NOT SCALE THIS DRAWING		SHEET 1 OF 2	
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**ULTRAVOLT, INC.**  
1800 OCEAN AVE. FRNT, RONKONKOMA, N.Y. 11779  
1-631-471-4444

OUTLINE, HPC 1/8KV - 6KV, 250W,  
STANDARD & I5/I10 INTERFACE, Y11 OPTION

PART NUMBER: **OL-032-A** REV **G**

