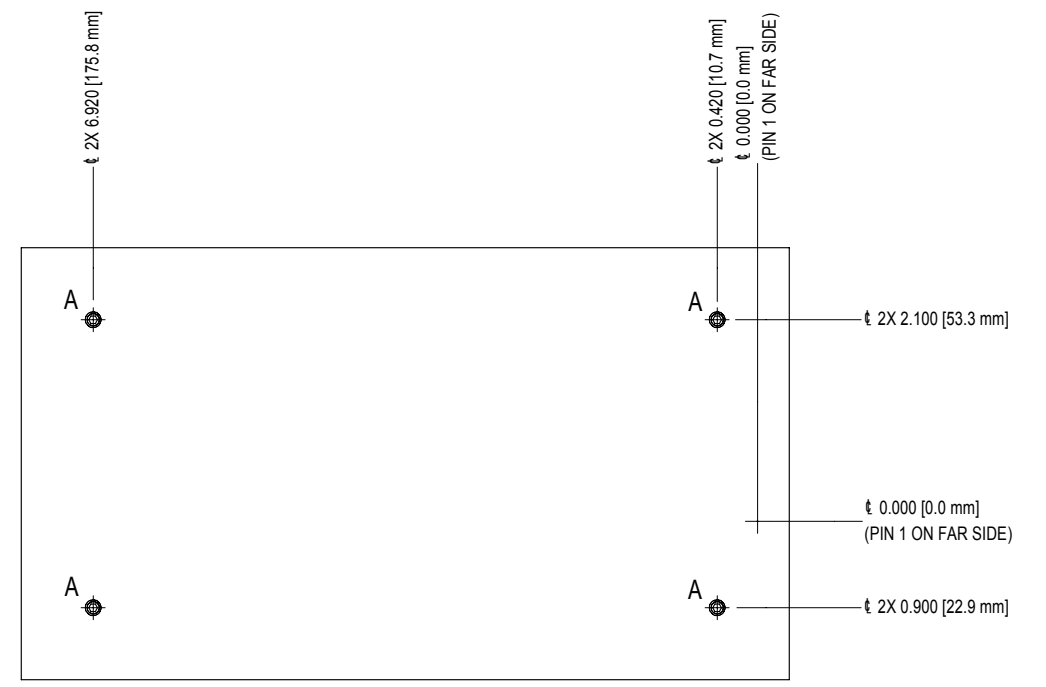
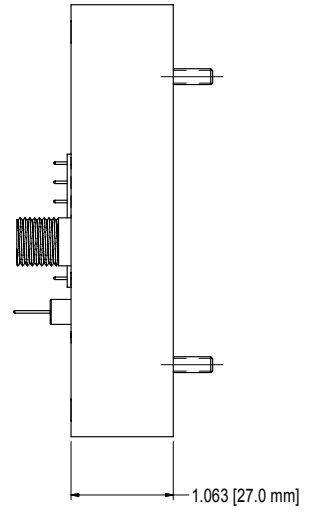
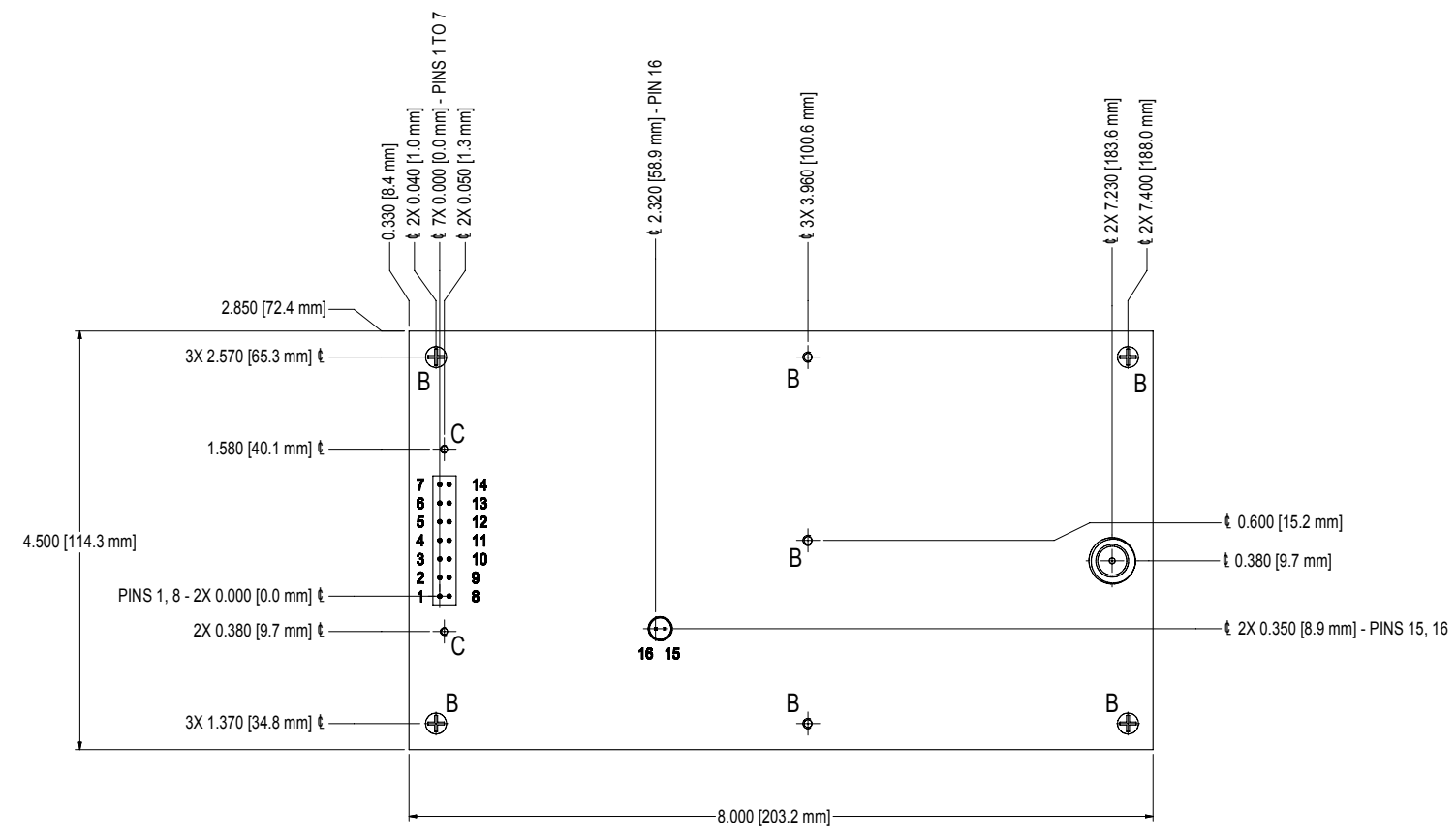


REVISIONS				
REV	DESCRIPTION	BY	DATE	APPD
J	REDESIGNED UNIT AND REDRAWN PER EC-01428-LV	A.S.	06/20/2012	SW



- 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 0.040 [1.02mm] 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 0.220 [5.60mm] HEIGHT FROM COVER.
 - 1-5 H.V. CONNECTOR LGH SERIES, HEIGHT FROM COVER 0.566 [14.38mm]. H.V. CONNECTOR MATERIAL: DIALLYL PHTHALATE UL 94 V-0 RATED.
 - 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		DATE	
2 PL DEC ± .010	FRACT ± .004	ANGLES ± 2°	HOLE DIA	TOLERANCES	DRAWN	S. Orban	DATE	2/4/2009
3 PL DEC ± .010	FRACT ± .004	ANGLES ± 2°	.0158 THRU .125	+ .004 - .004	CHKD	D. Parant	DATE	3/20/2002
			.126 THRU .250	+ .005 - .005	MFG ENGR	N/A		
			.251 THRU .500	+ .006 - .006	MFG ENGR	N/A		
			.501 THRU .750	+ .008 - .008	QA	N/A		
			.751 THRU 1.000	+ .010 - .010	CHEF ENGR	N/A		
			1.001 THRU 2.000	+ .012 - .012	CFM	OL-031_revJ_HSP_C_8KV-15KV.kdw		

DASH NUMBER		NEXT ASSY	USED ON	APPLICATION

SCALE		NONE	DO NOT SCALE THIS DRAWING	SHEET 1 OF 2
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ULTRAVOLT, INC.
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1-631-471-4444

OUTLINE, HPC 8KV-15KV, STANDARD & 15/10 INTERFACE

PART NUMBER: **OL-031** REV **J**

