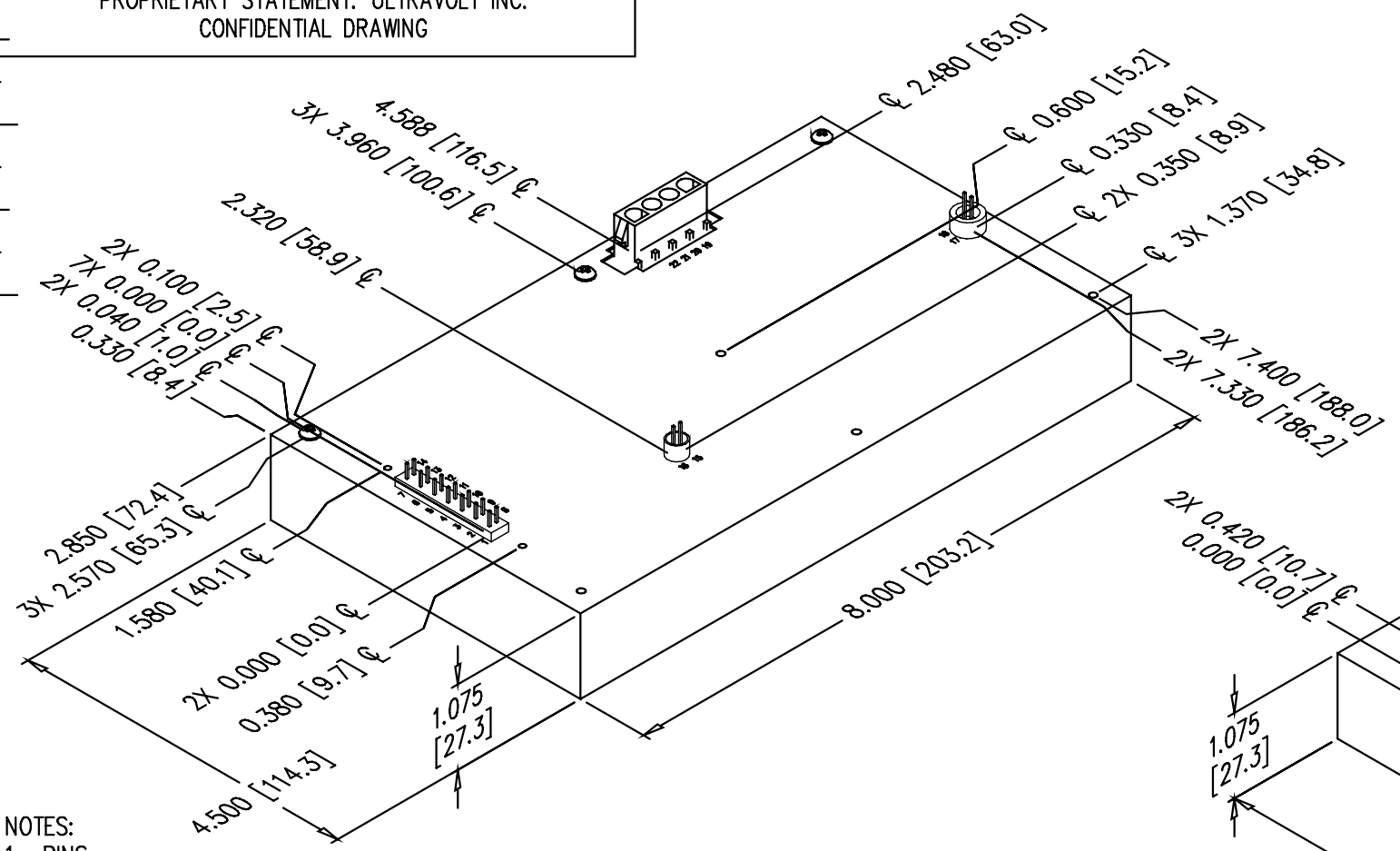
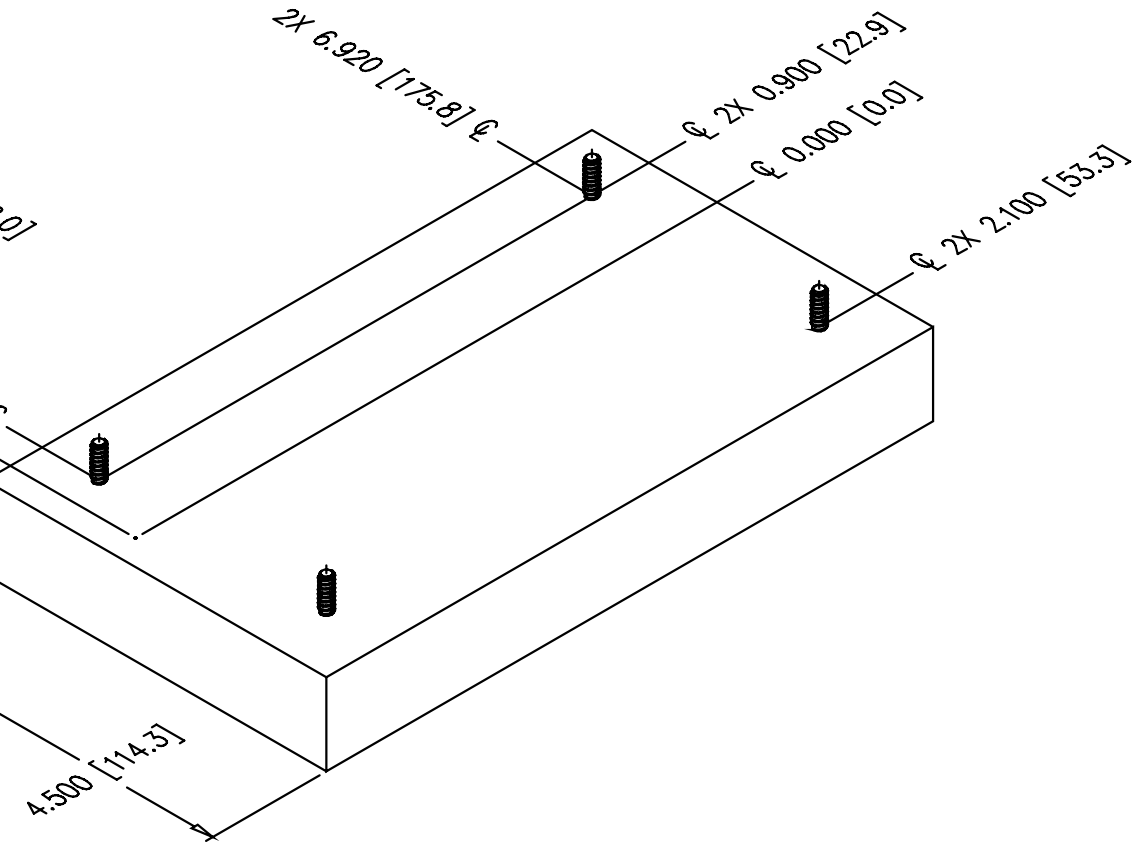
| B | PART NUMBER: | OL-032 | REV | E | SH | 1 |
|---|---|---|---|---|---|---|

PROPRIETARY STATEMENT: ULTRAVOLT INC.
CONFIDENTIAL DRAWING

## REVISIONS

| LTR | DESCRIPTION | BY | DATE | APPD |
|---|---|---|---|---|
| A | NEW RELEASE | D.S. | 2/4/99 | J.M. |
| B | ADDED METRIC DIM AS PER ECO #1935 | J.T. | 2/17/00 | J.M. |
| C | REVISED PER ECO #2743 | SRO | 3/1/02 | D.P. |
| D | REVISED PER ECO #UV3136 | SG | 11/26/03 | SRO |
| E | REVISED PER ECO #UV3377 | SRO | 6/23/05 | CP |




NOTES:
1- PINS:
- A- MATERIAL: GOLD PLATED 0.025 [0.64] SQ.
- B- THE CENTER OF THE PINS AND MOUNTING HOLES ARE LOCATED FROM THE CENTER OF PIN 1.
- C- PINS 1 THRU 14 SPACING 0.100 [2.54] X 0.200 [5.08] ON CENTER, HEIGHT FROM COVER 0.280 [7.11] MIN.
  - SHOULDER MATERIAL: DIALLYL PHTHALATE 94V0,
  - SHOULDER SIZE: 0.250 [6.35] X 1.400 [35.56] X 0.100 [2.54] HEIGHT FROM COVER.
  - MTG HOLES FOR RETENTION BRACKET #2-56 X 0.125 [3.8] DEEP.
- D- PINS 15 & 16 SPACING 0.100 [2.54] ON CENTER, HEIGHT FROM COVER 0.280 [7.11] MIN.
  - SHOULDER MATERIAL: TEFLON,
  - SHOULDER SIZE: OD 0.260 [6.60] X ID 0.230 [5.84] X 0.220 [5.60] HEIGHT FROM COVER.
- E- PINS 17, 18 SPACING 0.100 [2.54] ON CENTER, HEIGHT FROM COVER 0.280 [7.11] MIN.
  - SHOULDER MATERIAL: DIALLYL PHTHALATE 94V0.
  - SHOULDER SIZE: OD 0.380 [9.65] X ID 0.250 [6.35] X 0.200 [5.0] HEIGHT FROM COVER.
- F- PINS 19 THRU 22, STANDARD POWER CONNECTOR AMP MATE-N-LOK SOCKET CAP P/N 1-480703-0 MATES TO PLUG P/N 1-480702-0
- G- -Y11 VERSION SEE OL-032-A DRAWING.

2- MOUNTING:
- A- BOTTOM MTG, #8-32X0.440 [11.18] LONG THREADED STUD
- B- Z11 OPTION, REMOVE AND DISCARD THREE SCREWS, ADD #4-40 THREADED INSERT AT 7 LOCATIONS.

3- CONSTRUCTION:
- EPOXY FILLED ALUMINUM BOX
- CHEM FILM PER MIL-C-5541 CLASS 1A

4- TOLERANCE:
- A- OVERALL +/-0.025 [0.64]
- B- PIN TO PIN +/-0.015 [0.38]
- C- MOUNTING HOLE LOCATION +/- 0.025 [0.64]

| DASH NUMBER | NEXT ASSY | USED ON |
|---|---|---|
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APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES
TOLERANCES ARE:
2 PL DEC ± .02 FRACT ± 1/64
3 PL DEC ± .010 ANGLES ± 2°

| HOLE DIA | TOLERANCES |
|---|---|
| .0135 THRU .125 | +.004 -.004 |
| .126 THRU .250 | +.005 -.005 |
| .251 THRU .500 | +.006 -.006 |
| .501 THRU .750 | +.008 -.008 |
| .751 THRU 1.000 | +.010 -.010 |
| 1.001 THRU 2.000 | +.012 -.012 |

CUSTOMER

| | | DATE |
|---|---|---|
| DRAWN | S. Orban | 02/04/02 |
| CHKD | D. Parant | 3/20/02 |
| MFG | N/A | |
| MFG ENGR | N/A | |
| PROCESS | N/A | |
| QA | N/A | |
| CHIEF ENG | N/A | |

CFN: OL-032_revE_HP_C_250W.dwg


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


OUTLINE
HIGH POWER 'C' SERIES
250w 1/8KV - 6KV

| B | PART NUMBER: OL-032 | REV E |
|---|---|---|

| SCALE NONE | DO NOT SCALE THIS DRAWING | SHEET 1 OF 1 |
|---|---|---|