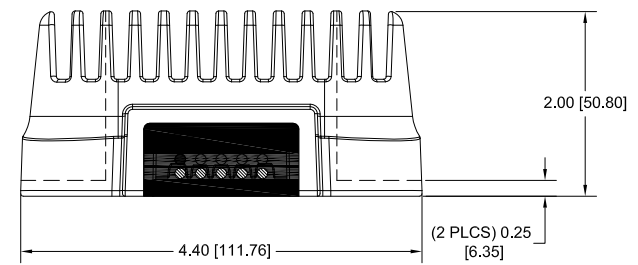


- NOTES:**
1. CIRCUIT TYPE: 3 PHASE SHUNT VOLTAGE REGULATOR, MICROCONTROLLER BASED.
 2. MAXIMUM CURRENT: 50A.
 3. SET VOLTAGE: 14.0 ± 0.2 VDC.
 4. CASE MATERIAL: CAST ALUMINUM (380).
 5. FINISH: NATURAL.
 6. AC LEAD WIRES: 3X YEL 12 AWG SXL.
 7. B+ LEAD WIRE: RED 10 AWG GXL.
 8. GROUND LEAD WIRE: BLK 10 AWG GXL.
 9. ENCAPSULATION: POLYURETHANE.
 10. QUIESCENT LEAKAGE: 20 uA TYP.

STANDARD TERMINATION SHOWN (OPTIONAL)



| DWN | CHK | DESCRIPTION | ECN # | REV | DATE |
|-----|-----|----------------------------------|-------|-----|---------|
| JG | xxx | | | P01 | 8/27/12 |
| JG | | CHANGED 2 PLC DEC 0,01" TO 0,02" | | P02 | 2/5/14 |

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TROMBETTA ELECTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF TROMBETTA ELECTRONICS IS PROHIBITED.

| UNLESS OTHERWISE SPECIFIED: | | NAME | DATE |
|---|----------------------|-----------|---------|
| DIMENSIONS ARE IN INCHES | | JG | 8/27/12 |
| TOLERANCES: | | | |
| FRACTIONAL ± | | CHECKED | xx |
| ANGULAR: MACH ± | | ENG APPR. | xx |
| BEND ± | | MFG APPR. | |
| TWO PLACE DECIMAL ±0.02" | | Q.A. | |
| THREE PLACE DECIMAL ±0.005" | | COMMENTS: | |
| METRIC IN (mm) | | | |
| INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1992 | | | |
| MATERIAL: | | | |
| NEXT ASSY | USED ON | FINISH | |
| APPLICATION | DO NOT SCALE DRAWING | | |

TROMBETTA ELECTRONICS
 197 Commercial St.
 Malden, Ma. 02148

TITLE: 50 AMP, 3 PHASE FET SHUNT REGULATOR

| | | |
|----------|--------------|------------|
| SIZE | DWG. NO. | REV |
| C | A3608 | P02 |

SCALE: 1:1 WEIGHT: SHEET 1 OF 1