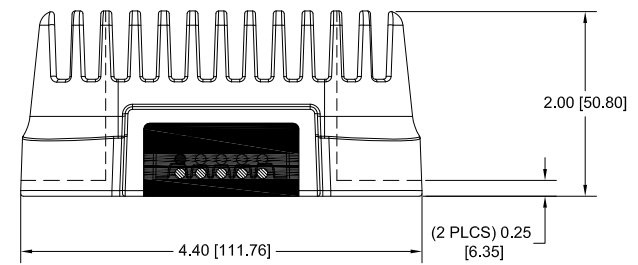


- NOTES:**
1. CIRCUIT TYPE: 3 PHASE SHUNT VOLTAGE REGULATOR, MICROCONTROLLER BASED.
  2. MAXIMUM CURRENT: 50A.
  3. SET VOLTAGE: 14.0 ± 0.2 VDC.
  4. CASE MATERIAL: CAST ALUMINUM (380).
  5. FINISH: NATURAL.
  6. AC LEAD WIRES: 3X YEL 12 AWG SXL.
  7. B+ LEAD WIRE: RED 10 AWG GXL.
  8. GROUND LEAD WIRE: 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  
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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
<b>C</b>	<b>A3608</b>	<b>P02</b>

SCALE: 1:1 WEIGHT: SHEET 1 OF 1