



- 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.

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

QUOTE
 PROD

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

TROMBETTA ELECTRONICS
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TITLE: 50 AMP, 3 PHASE FET SHUNT REGULATOR

SIZE	DWG. NO.	REV
C	A3608	P02

SCALE: 1:1 WEIGHT: SHEET 1 OF 1