



STANDARD TERMINATION (OPTIONAL)

**NOTES:**

1. TURN ON VOLTAGE: 5V MAX.
2. CURRENT 16 AMPS AVERAGE ON RED WIRE AT 12V.
3. CASE MATERIAL: DIE CAST ALUMINUM.
4. LEAD WIRES: 16 AWG, SXL.
5. STANDARD TERMINATION (OPTIONAL):  
 AMP: 1-480318-4 ON YELLOW WIRES  
 AMP: 1-480351-2 ON RED WIRE
6. TEMPERATURE COEFFICIENT: -5 +5/-7 MILLIVOLTS/°C.
7. MAXIMUM 10 MICROAMP BATTERY DRAIN AT 25°C DUE TO THE QUIESCENT LEAKAGE OF INTERNAL CIRCUITRY OF VOLTAGE REGULATOR.
8. CASE OPERATING TEMPERATURE AT 16 AMPS LESS THAN OR EQUAL TO 95°C.
9. POLYURETHANE ENCAPSULATED.

| QUOTE | DRN | CHK | DESCRIPTION | ECN # | REV | DATE | PROPRIETARY AND CONFIDENTIAL   |
|-------|-----|-----|-------------|-------|-----|------|--|
| PROD  |     |     |             |       |     |      | 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:                           |
|             |         | DIMENSIONS ARE IN INCHES                              |
|             |         | TOLERANCES:   |
|             |         | FRACTIONAL ±  |
|             |         | ANGULAR: MACH ± BEND ±                                |
|             |         | TWO PLACE DECIMAL ±0.01                               |
|             |         | THREE PLACE DECIMAL ±0.005                            |
|             |         | METRIC IN [mm]  |
|             |         | INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1982 |
|             |         | MATERIAL  |
|             |         | FINISH  |
| NEXT ASSY   | USED ON |   |
| APPLICATION |         | DO NOT SCALE DRAWING                                  |

|           | NAME | DATE   |
|-----------|------|--------|
| DRAWN     | JG   | 7/9/10 |
| CHECKED   |      |        |
| ENG APPR. |      |        |
| MFG APPR. |      |        |
| Q.A.      |      |        |
| COMMENTS: |      |        |

TROMBETTA ELECTRONICS  
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**TITLE:**  
**16 AMP  
REGULATOR**

|                           |                     |                 |
|---------------------------|---------------------|-----------------|
| SIZE/DWG. NO.<br><b>B</b> | REV<br><b>AXXXX</b> | REV<br><b>X</b> |
|---------------------------|---------------------|-----------------|

SCALE: 1:1 | WEIGHT: | SHEET 1 OF 1