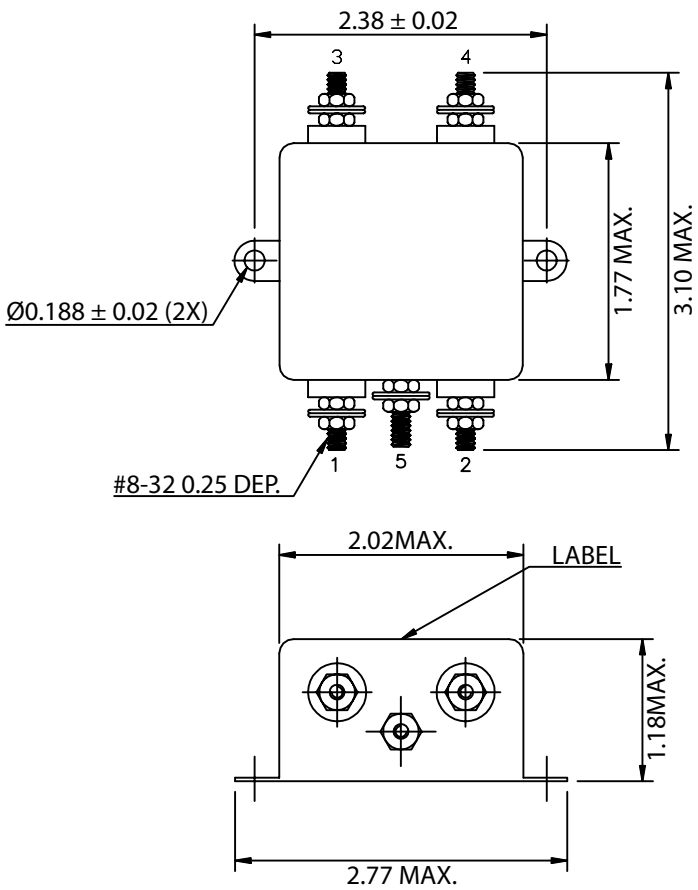
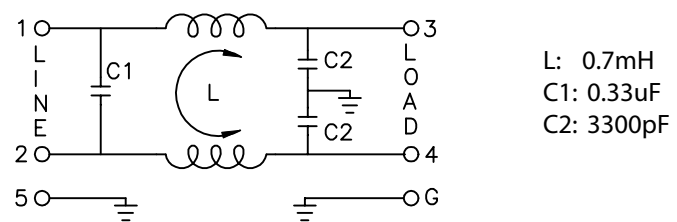


THESE DRAWINGS ARE THE PROPERTY OF QUALTEK ELECTRONICS AND NOT TO BE REPRODUCED FOR OR COMMUNICATED TO A THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AN OFFICER OF QUALTEK ELECTRONICS.

PHYSICAL DIMENSIONS:



SCHEMATIC:



| REVISION |                 |          |          |
|----------|-----------------|----------|----------|
| REV.     | DESCRIPTION     | DATE     | APPROVED |
| B        | RoHS Compliance | 06-01-06 | DP       |
|          |                 |          |          |

ELECTRICAL CHARACTERISTICS:

- 1-1. VOLTAGE RATING.....115/250VAC
- 1-2. CURRENT RATING
  - A. @ 115 VAC.....20 A RMS MAX
  - B. @ 250 VAC.....20 A RMS MAX
- 1-3. OPERATING FREQUENCY.....50/60Hz
- 1-4. LEAKAGE CURRENT: EACH LINE TO GROUND
  - A. @ 115 VAC 60Hz.....0.25 mA MAX
  - B. @ 250 VAC 50Hz.....0.45 mA MAX
- 1-5. HIPOT RATING (FOR ONE MINUTE)
  - A. LINE TO GROUND.....2250 VDC
  - B. LINE TO LINE.....1450 VDC
- 1-6. MINIMUM INSERTION LOSS IN dB: (AT 50 OHM SYSTEM)

| FREQ. MHz    | .01 | .05 | .10 | .15 | .50 | 1.0 | 5.0 | 10 | 30 |
|--------------|-----|-----|-----|-----|-----|-----|-----|----|----|
| COM. MODE dB | /   | /   | /   | 13  | 20  | 25  | 40  | 45 | 48 |
| DIF. MODE dB | /   | /   | /   | 15  | 24  | 28  | 50  | 48 | 48 |

- 1-7. OPERATING TEMPERATURE.....-25° TO +85° C
- 1-8. SAFETY:
- 1-9. RoHS COMPLIANT

CONTROLLED

| Dim<br>range<br>(mm) | Tolerance<br>+/-<br>(mm) | Qualtek Electronics Corp.<br>PPC DIVISION |                |                               |
|----------------------|--------------------------|-------------------------------------------|----------------|-------------------------------|
|                      |                          | Part Number:                              | 851-20/011     | <div>RoHS<br/>Compliant</div> |
| 0-1                  | 0.15                     | Description:<br><br>EMI FILTER            |                |                               |
| 1-6                  | 0.20                     |                                           |                |                               |
| 6-18                 | 0.30                     |                                           | UNIT: in       | REV. B                        |
| 18-50                | 0.50                     |                                           |                |                               |
| 50-120               | 0.70                     | Drawn / Date                              | Checked / Date | Approved / Date               |
| 120-250              | 0.90                     | B.ZHANG<br>01-17-03                       | 01-17-03       | JJH / 01-17-03                |
| 250-500              | 1.20                     |                                           |                |                               |