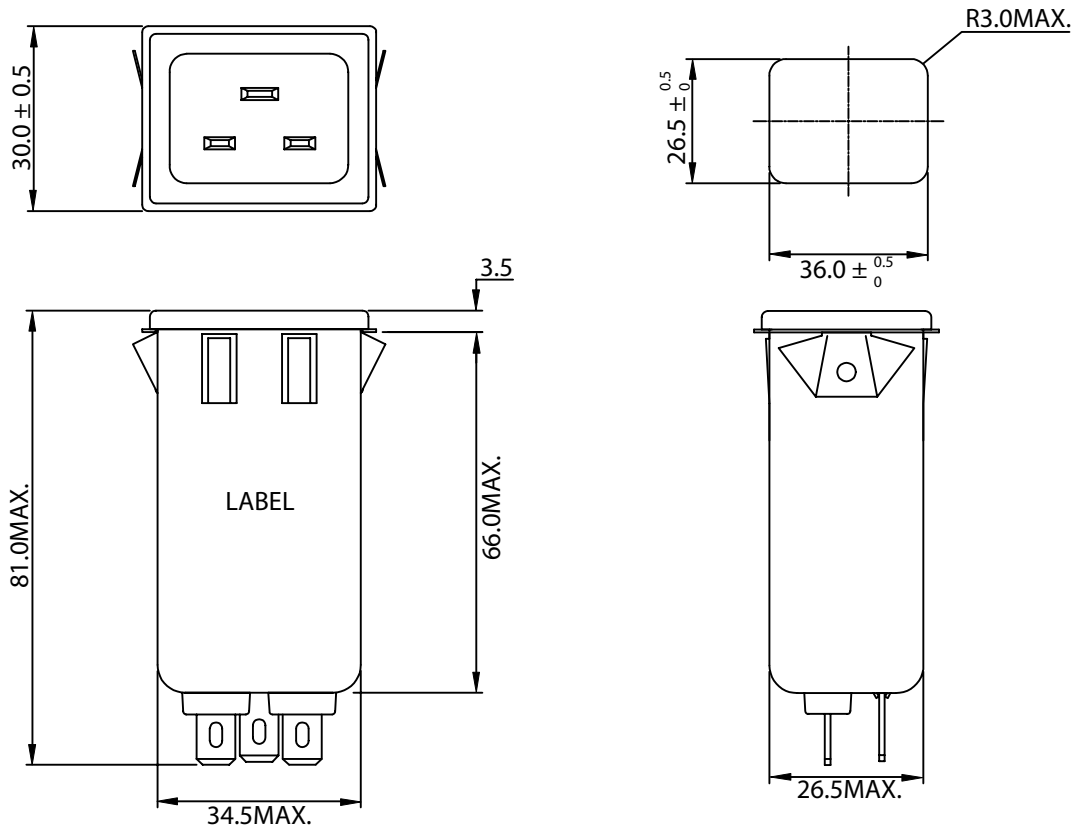


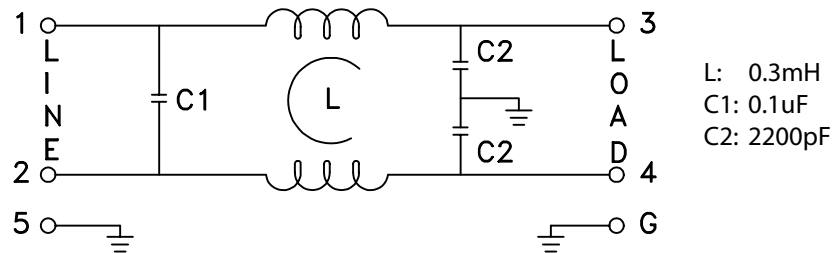
THESE DRAWINGS ARE THE PROPERTY OF QUALTEK ELECTRONICS AND NOT TO BE REPRODUCED FOR OR COMMUNICATED TO A THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AN OFFICER OF QUALTEK ELECTRONICS.

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

1. PHYSICAL DIMENSIONS



2. ELECTRICAL SCHEMATIC



ELECTRICAL CHARACTERISTICS:

- 1-1. VOLTAGE RATING.....115/250VAC
  - 1-2. CURRENT RATING
    - A. @ 115 VAC.....20 A RMS MAX
    - B. @ 250 VAC.....16 A RMS MAX
  - 1-3. OPERATING FREQUENCY.....50/60Hz
  - 1-4. LEAKAGE CURRENT: EACH LINE TO GROUND
    - A. @ 115 VAC 60Hz.....0.20 mA MAX
    - B. @ 250 VAC 50Hz.....0.40 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 | /   | 2   | 5   | 8   | 10  | 15  | 25  | 30 | 35 |
| DIF. MODE dB | /   | 0   | 2   | 2   | 10  | 15  | 40  | 40 | 40 |
- 1-7. OPERATING TEMPERATURE.....-25° TO +85°
  - 1-8. SAFETY:
  - 1-9. RoHS COMPLIANT

CONTROLLED

| Dim range (mm) | Tolerance +/- (mm) | Qualtek Electronics Corp.<br>PPC DIVISION |                |                           |
|----------------|--------------------|-------------------------------------------|----------------|---------------------------|
|                |                    | Part Number:                              | 869-20/042     | <div>RoHS Compliant</div> |
| 0-1            | 0.15               | Description:<br>EMI FILTER                |                |                           |
| 1-6            | 0.20               |                                           |                |                           |
| 6-18           | 0.30               |                                           | UNIT: mm       | REV. B                    |
| 18-50          | 0.50               |                                           |                |                           |
| 50-120         | 0.70               | Drawn / Date                              | Checked / Date | Approved / Date           |
| 120-250        | 0.90               | B.ZHANG<br>08-16-04                       | 08-16-04       | JJH / 08-16-04            |
| 250-500        | 1.20               |                                           |                |                           |