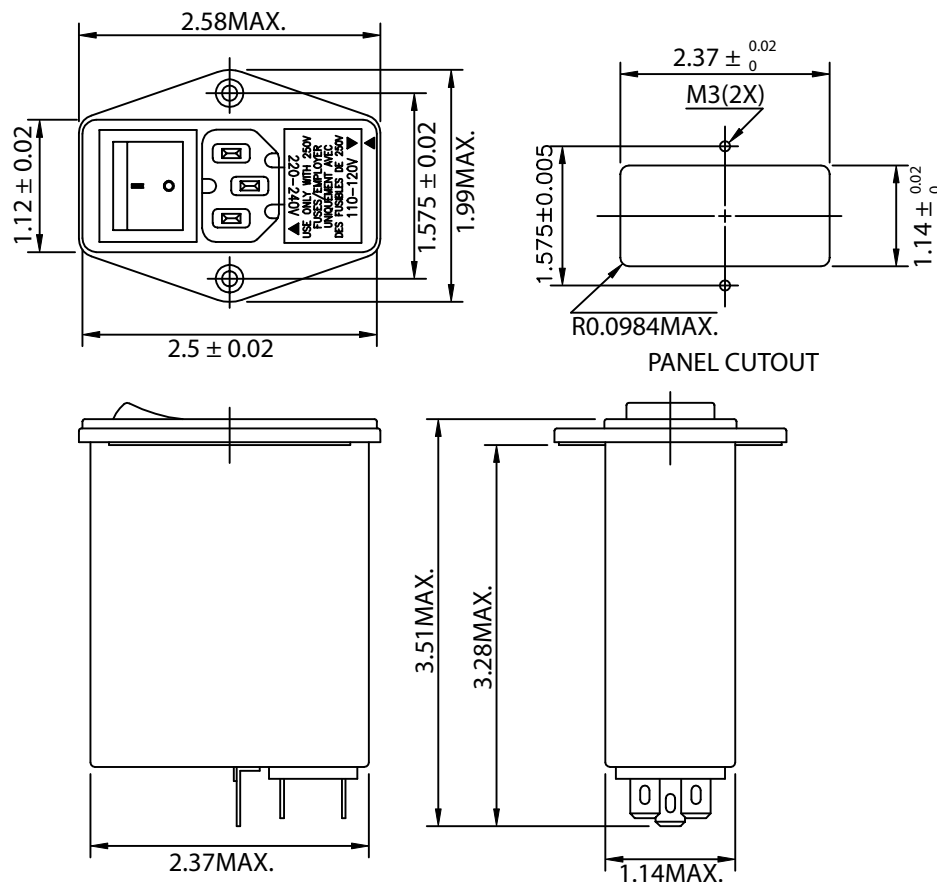
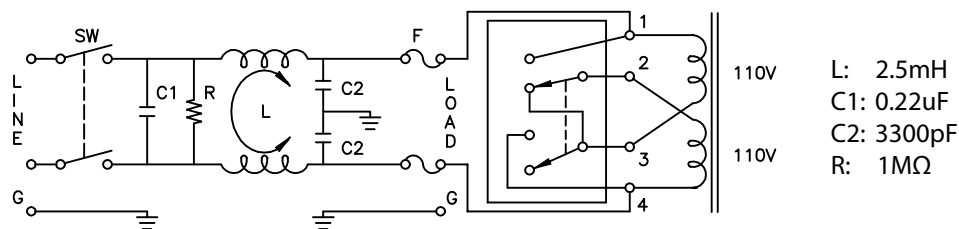


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## 1. PHYSICAL DIMENSIONS



## 2. ELECTRICAL SCHEMATIC



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

ELECTRICAL CHARACTERISTICS:

- 1-1. VOLTAGE RATING.....115/250VAC
- 1-2. CURRENT RATING  
A. @ 115 VAC.....6 A RMS MAX  
B. @ 250 VAC.....6 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 | /   | 10  | 15  | 20  | 30  | 35  | 45  | 40 | 30 |
| DIF. MODE dB | /   | 2   | 5   | 8   | 20  | 30  | 30  | 40 | 40 |
- 1-7. OPERATING TEMPERATURE.....-25° TO +85° C
- 1-8. SAFETY:   
- 1-9. RoHS COMPLIANT

|              |     |     |     |     |     |     |     |    |    |
|--------------|-----|-----|-----|-----|-----|-----|-----|----|----|
| FREQ. MHz    | .01 | .05 | .10 | .15 | .50 | 1.0 | 5.0 | 10 | 30 |
| COM. MODE dB | /   | 10  | 15  | 20  | 30  | 35  | 45  | 40 | 30 |
| DIF. MODE dB | /   | 2   | 5   | 8   | 20  | 30  | 30  | 40 | 40 |

# CONTROLLED

|                      |                          |                                                              |                |                   |
|----------------------|--------------------------|--------------------------------------------------------------|----------------|-------------------|
| Dim<br>range<br>(mm) | Tolerance<br>+/-<br>(mm) | <div>Qualtek Electronics Corp.</div> <div>PPC DIVISION</div> |                |                   |
|                      |                          | Part Number:                                                 | 864-06/005     | RoHS<br>Compliant |
| 0-1                  | 0.15                     | Description:<br>EMI FILTER                                   |                |                   |
| 1-6                  | 0.20                     |                                                              |                |                   |
| 6-18                 | 0.30                     |                                                              | UNIT: in       | REV. B            |
| 18-50                | 0.50                     |                                                              |                |                   |
| 50-120               | 0.70                     |                                                              |                |                   |
| 120-250              | 0.90                     |                                                              |                |                   |
| 250-500              | 1.20                     |                                                              |                |                   |
|                      |                          | Drawn / Date                                                 | Checked / Date | Approved / Date   |
|                      |                          | B.ZHANG<br>01-13-03                                          | 01-13-03       | JJH / 01-13-03    |

# Mouser Electronics

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