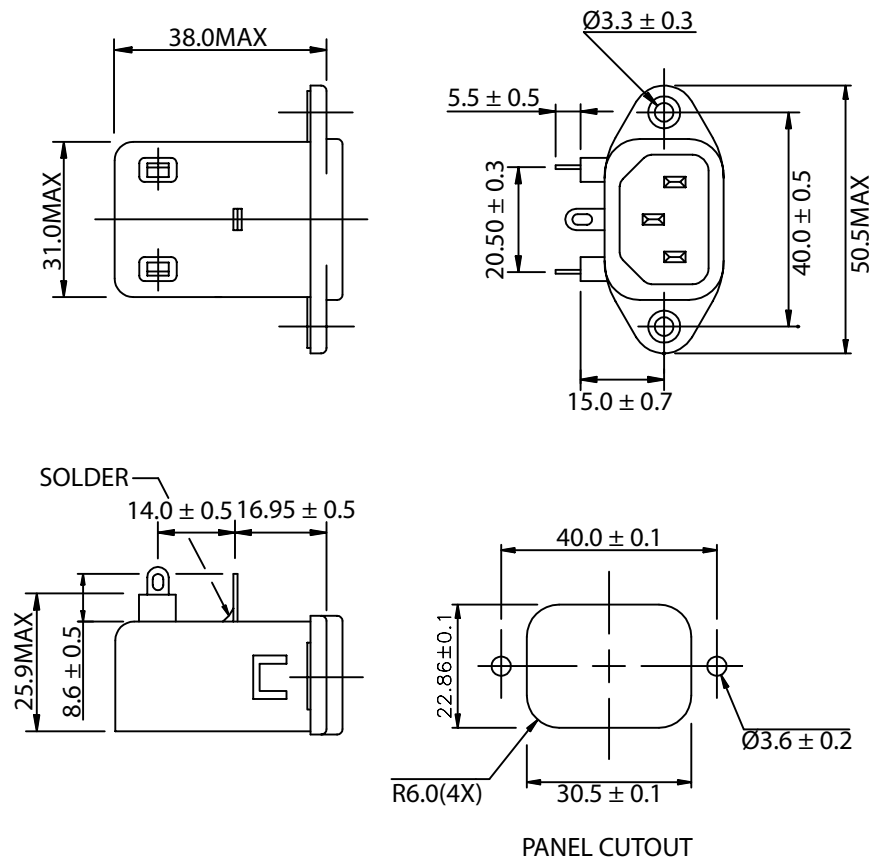
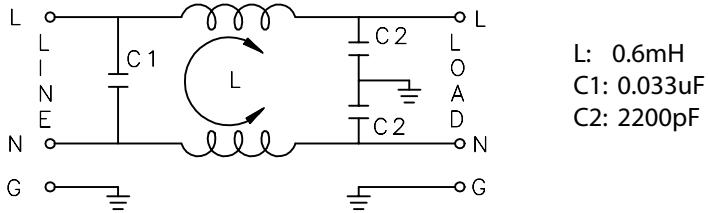


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1. PHYSICAL DIMENSIONS:



2. SCHEMATIC:



| REVISION |                               |          |          |
|----------|-------------------------------|----------|----------|
| REV.     | DESCRIPTION                   | DATE     | APPROVED |
| B        | RoHS Compliancy               | 06-01-06 | DP       |
| C        | Updated Operating Temperature | 11-03-08 | LY       |

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.....0.20 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 | /   | 4   | 8   | 12  | 20  | 25  | 40  | 45 | 45 |
| DIF. MODE dB | /   | /   | 0   | 1   | 5   | 8   | 32  | 35 | 40 |

- 1-7. OPERATING TEMPERATURE.....-25° TO +100° C
- 1-8. SAFETY:
- 1-9. RoHS COMPLIANT

CONTROLLED

| Dim range (mm) | Tolerance +/- (mm) | Qualtek Electronics Corp.<br>PPC DIVISION |                           |                 |
|----------------|--------------------|-------------------------------------------|---------------------------|-----------------|
|                |                    | Part Number: 857-06/048                   | <div>RoHS Compliant</div> |                 |
| 0-1            | 0.15               | Description: EMI FILTER                   |                           |                 |
| 1-6            | 0.20               |                                           |                           |                 |
| 6-18           | 0.30               |                                           | UNIT: mm                  | REV. C          |
| 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               |                                           |                           |                 |

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