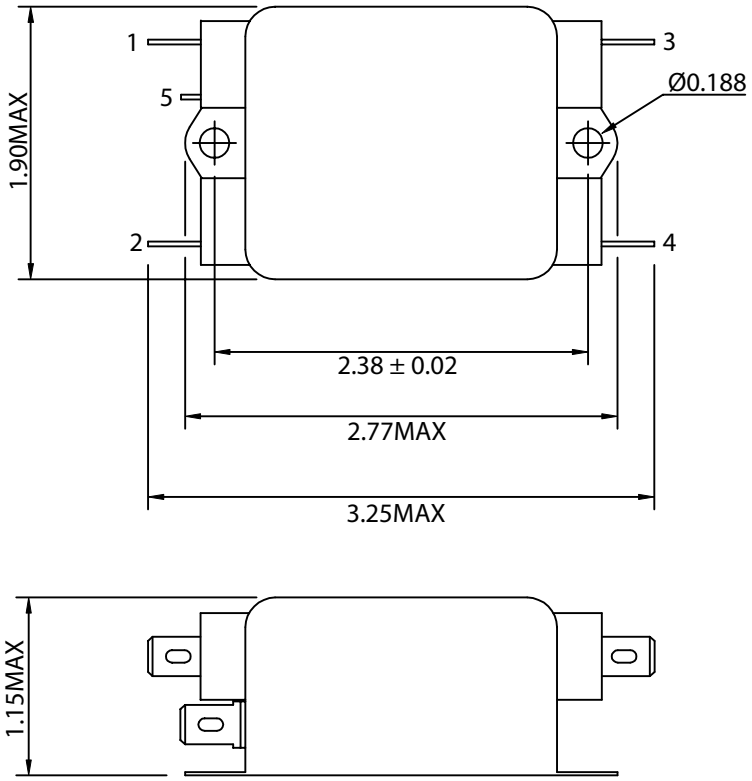
THESE DRAWINGS ARE THE PROPERTY OF QUALTEK ELECTRONICS AND NOT TO BE REPRODUCED FOR OR COMMUNICATED TO A THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AN OFFICER OF QUALTEK ELECTRONICS.

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

PHYSICAL DIMENSIONS:



ELECTRICAL CHARACTERISTICS:

1-1. VOLTAGE RATING.....115/250VAC

1-2. CURRENT RATING
A. @ 115 VAC.....3 A RMS MAX
B. @ 250 VAC.....3 A RMS MAX

1-3. OPERATING FREQUENCY.....50/60Hz

1-4. LEAKAGE CURRENT: EACH LINE TO GROUND
A. @ 115 VAC 60Hz.....0.45 mA MAX
B. @ 250 VAC 50Hz.....0.90 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	1	7	10	12	25	30	45	60	35
DIF. MODE dB	0	1	10	20	50	60	45	45	45

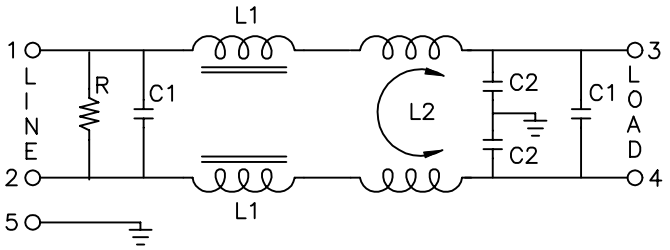
1-7. OPERATING TEMPERATURE.....-25° TO +85° C

1-8. SAFETY:

1-9. RoHS COMPLIANT

CONTROLLED

SCHEMATIC:



L1: 30.0uH
L2: 1.0mH
C1: 0.22uF
C2: 3300+2200pF
R: 330KΩ

Dim range (mm)	Tolerance +/- (mm)
0-1	0.15
1-6	0.20
6-18	0.30
18-50	0.50
50-120	0.70
120-250	0.90
250-500	1.20

Qualtek Electronics Corp.
PPC DIVISION

Part Number: 848-03/001 RoHS Compliant

Description: EMI FILTER

	UNIT: in	REV. B
Drawn / Date	Checked / Date	Approved / Date
B.ZHANG 02-07-03	02-07-03	JJH / 02-07-03

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Qualtek Electronics:

09362-M/60 Q-716 Q2-F-1 1/2-01-QB48IN-5 Q2-F-3/32-01-MS100FT Q2-F-3/32-01-QB48IN-25 Q2-F3X-1 1/2-01-QB6IN-5 Q2-F4X-4-01-QB48IN-2 Q2-Z-1/2-01-QB6IN-14 06325-M FAD1-12025CBMW12 Q-150K-3/8-02-QB48IN-25 Q2-3X-3/16-01-QB48IN-25 Q2-F-QK2-01-6IN-82 311027-01 719W-00/03 862-06/001 Q5-3X-1 1/2-01-QB6IN-5 Q5-3X-3/16-01-QB48IN-25 377009-01 Q-150K-1/4-02-QB48IN-25 Q2-F3X-1-01-MS50FT Q2-Z-1/8-01-QB48IN-25 Q2-Z-RK1-3/64-01-6IN-40 Q5-3X-1-01-SS25M Q2-F-1 1/2-01-QB6IN-5 370021-01 723W-X2/04 Q2-F-3/32-01-QB6IN-32 742W-15/04 Q2-F-1-01-QB6IN-8