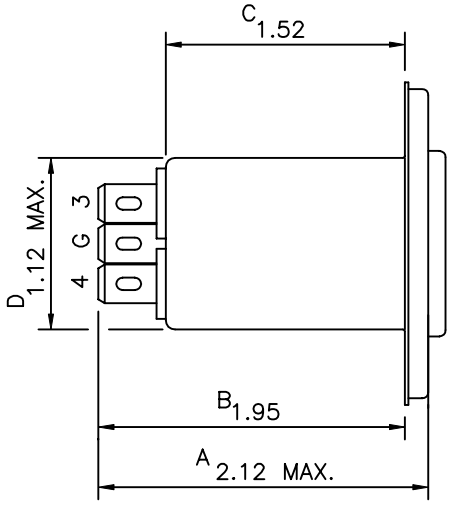
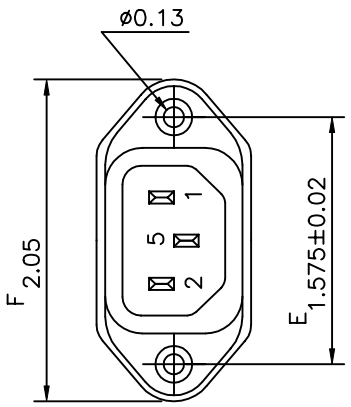
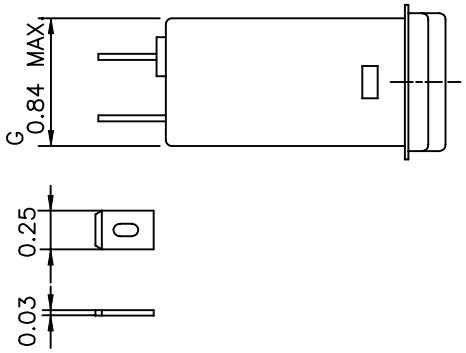
Revision			
Rev.	Description	Date	Approved

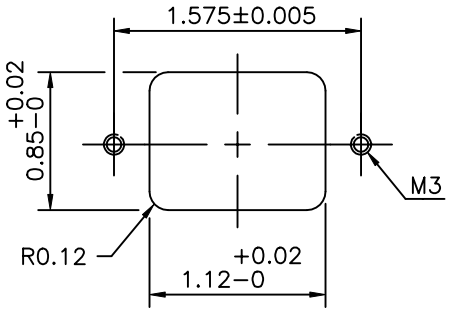
PHYSICAL DIMENSIONS:



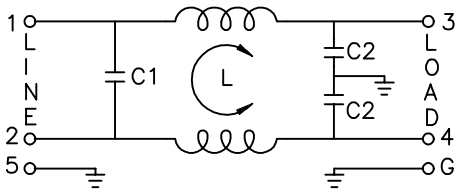


SUGGESTED MOUNTING CUTOUT
(MOUNTING FROM FRONT)





SCHEMATIC:



L: 1.8mH
C1: 0.033uF
C2: 2200pF

1. ELECTRICAL CHARACTERISTICS:

1−1. VOLTAGE RATING 115/250VAC

1−2. CURRENT RATING
- A. AT 115VAC ..... 3 A RMS Max.
- B. AT 250VAC ..... 3 A RMS Max.

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

1−4. LEAKAGE CURRENT: EACH LINE TO GROUND
- A. @115VAC 60Hz ..... 0.20 mA Max.
- B. @250VAC 50Hz ..... 0.40 mA Max.

1−5. HIPOT RATING (FOR ONE MINUTE)
- A. LINE TO GROUND 2250VDC
- B. LINE TO LINE 1450VDC

1−6. TEMPERATURE RANGE: −25 TO +85 DEGREE C

1−7. 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	22	30	35	45	45	45
DIF. MODE dB	/	/	0	2	5	14	38	40	40

1−8. SAFETY

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: 857−03/017

Description: EMI FILTER−GENERAL PURPOSE

UNIT: INCH | Rev A

Drawn/Date	Checked/Date	Approved/Date
B.ZHANG 01−27−04	BL/01−27−04	JJH/01−27−04