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## MULTI-FUNCTION MODULE FILTERS



Primary Power Components Division

[EMI Filter Cross Reference](#)

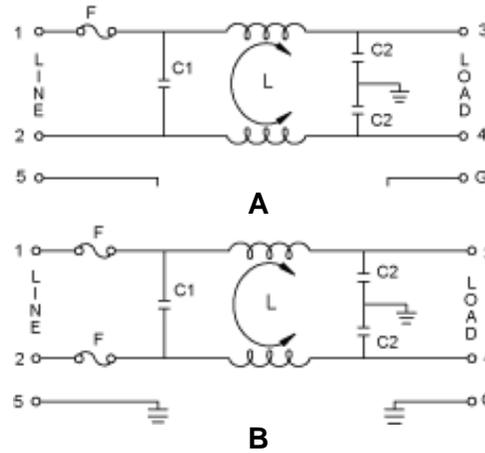
[EMI Filter Inquiry Form](#)

**RoHS  
Compliant**

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## 860 Series Fused General Purpose Filters

A compact filter with an IEC connector and single fuse holder (5 x 20) providing common and differential mode EMI suppression

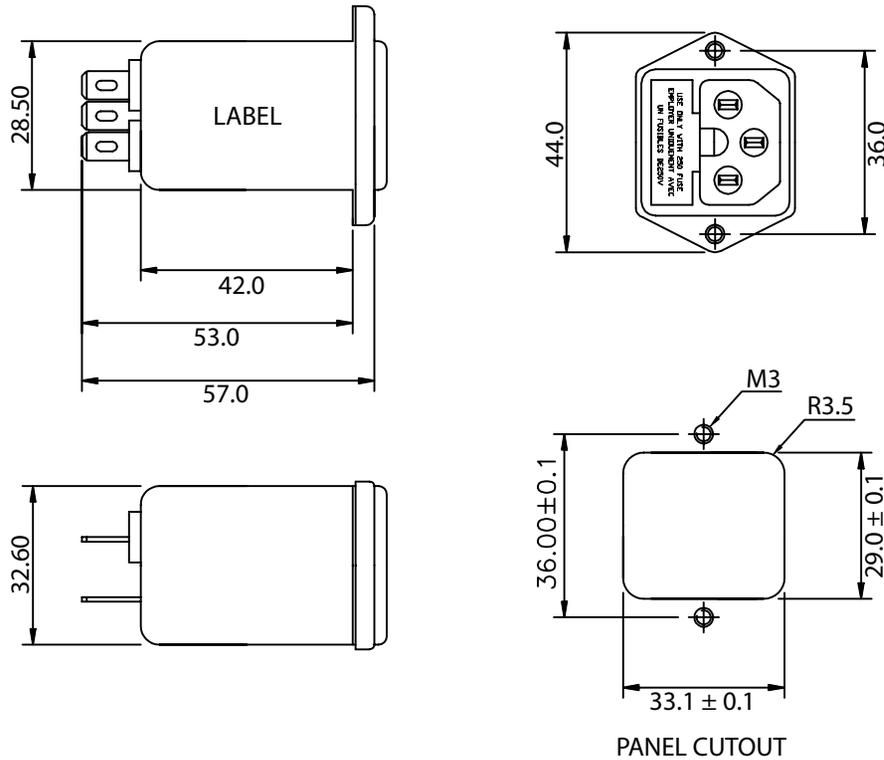


Part Number		Electrical Schematic	Similar to Corcom	Amp Rating	Size L x W x H
860-02/001		A	1EGG1-1	2	2.57 x 1.14 x 1.29
860-02/006		B	-	2	2.24 x 1.12 x 1.28
860-04/002		A	3EGG1-1	4	2.57 x 1.14 x 1.29
860-04/014		B	3EGG1-2	4	2.24 x 1.12 x 1.28
860-06/005		A	6EGG1-1	6	2.57 x 1.14 x 1.29
860-06/016		B	6EGG1-2	6	2.24 x 1.12 x 1.28

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REVISION			
REV.	DESCRIPTION		APPROVED
B	RoHS Compliance		DP

PHYSICAL DIMENSIONS:



ELECTRICAL CHARACTERISTICS:

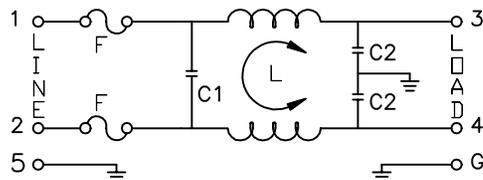
- 1-1. VOLTAGE RATING.....115/250VAC
- 1-2. CURRENT RATING
  - A. @ 115 VAC.....2 A RMS MAX
  - B. @ 250 VAC.....2 A RMS MAX
- 1-3. OPERATING FREQUENCY.....50/60Hz
- 1-4. LEAKAGE CURRENT: EACH LINE TO GROUND
  - A. @ 115 VAC 60Hz.....0.25 mA MAX
  - B. @ 250 VAC 50Hz.....0.45 mA MAX
- 1-5. HIPOT RATING (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	/	/	/	29	38	40	42	43	41
DIF. MODE dB	/	/	/	5	19	28	48	51	50

- 1-7. OPERATING TEMPERATURE.....-25° TO +85° C
- 1-8. SAFETY:
- 1-9. RoHS COMPLIANT

**CONTROLLED**

SCHEMATIC:



L: 4.0mH  
 C1: 0.1uF  
 C2: 3300pF

Dim range (mm)	Tolerance +/- (mm)	Qualtek Electronics Corp. PPC DIVISION	
		Part Number: 860-02/006	
0-1	0.15	Description: EMI FILTER	
1-6	0.20		
6-18	0.30		
18-50	0.50	UNIT: mm	
50-120	0.70	Drawn / Date	
120-250	0.90	B.ZHANG	
250-500	1.20		