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Qualtek Electronics Corporation

EDS Where the Electronics Industry Connects

MULTI-FUNCTION MODULE FILTERS

Primary Power Components Division

EMI Filter Cross Reference

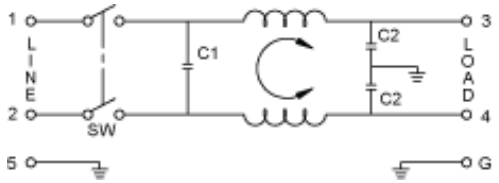
EMI Filter Inquiry Form

RoHS Compliant

860 Series General Purpose Filters with Switch

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



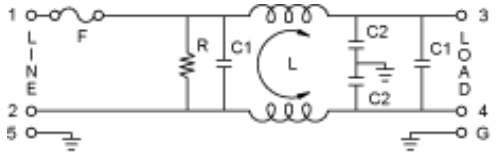


Part Number		Amp Rating	Size L x W x H
860-03/008		3	2.15 x 1.12 x 1.5
860-06/018		6	2.15 x 1.12 x 1.5
860-10/024		10	2.15 x 1.12 x 1.5

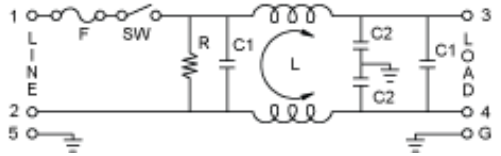
862 Series Multi-Function Module Filters

A multi-function power entry module filter that incorporates an IEC connector, a single fuse holder (5 x 20) with optional on/off switch, and voltage selector switch.

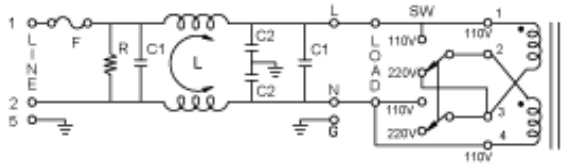




A



B



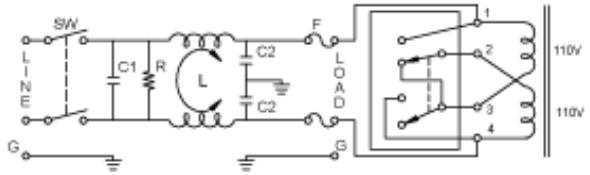
C

Part Number		Electrical Schematic	Amp Rating 115-250	Size L x W x H	IEC Conn	Fuse Holder	Power Switch	Voltage Selector
862-06/001		A	6	2.65 x 2.17 x 1.15	Yes	Yes	--	No
862-06/002		B	6	2.65 x 2.17 x 1.15	Yes	Yes	S P	No
862-06/003		B	6-4	2.65 x 2.17 x 1.15	Yes	Yes	D P	No
862-06/007		C	6	2.65 x 2.17 x 1.15	Yes	Yes	--	Yes

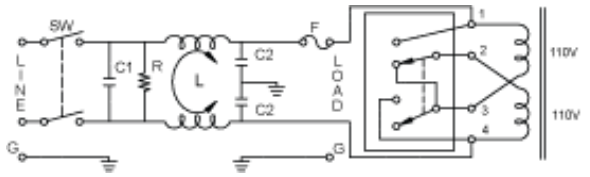
864 Series Multi-Function Module Filters

A multi-function power entry module filter that incorporates an IEC connector, double pole power switch, voltage selector switch, and optional single or double fuse holder (5 x 20) or (6.3 x 32) offering space savings.





A

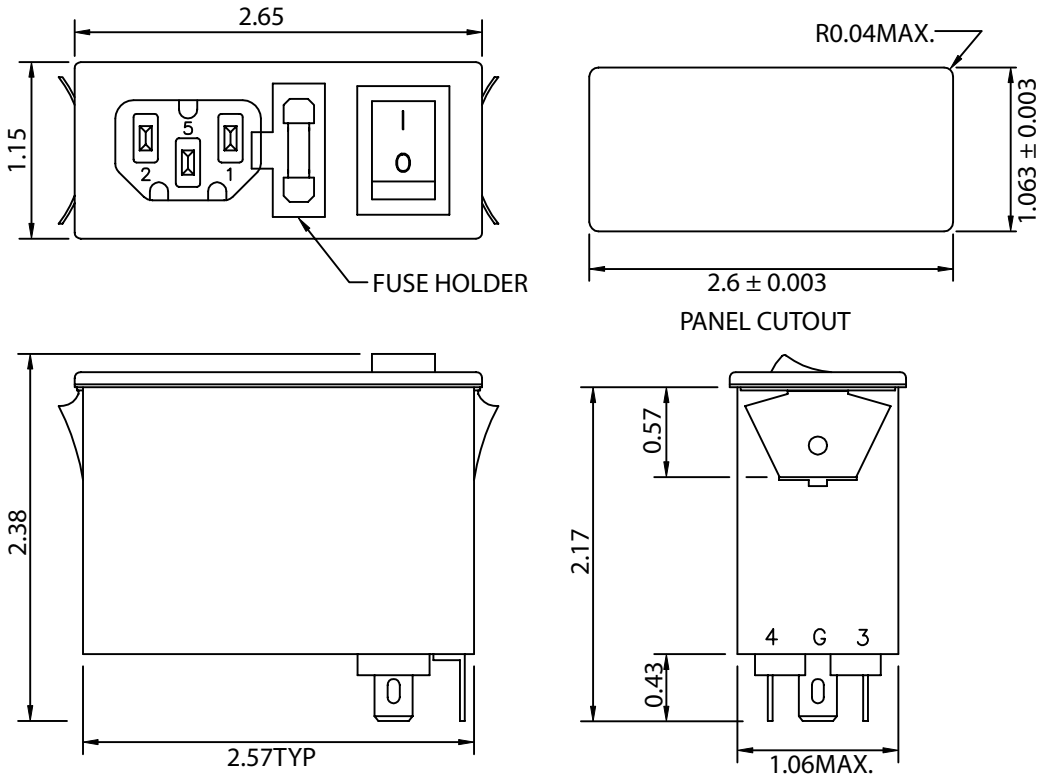


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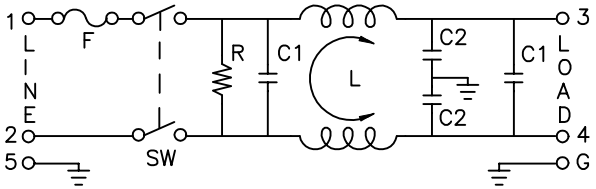
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REVISION			
REV.	DESCRIPTION		APPROVED
B	RoHS Compliancy		DP

1. PHYSICAL DIMENSIONS



2. ELECTRICAL SCHEMATIC



L: 1.3mH
C1: 0.1uF
C2: 3300pF
R: 2.2MΩ

NOTES:

1. MOUNTING PANEL THICKESS 0.04 TO 0.07 INCHES,

ELECTRICAL CHARACTERISTICS:

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

1-2. CURRENT RATING
A. @ 115 VAC.....6 A RMS MAX
B. @ 250 VAC.....4 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	/	/	15	16	25	30	42	45	40
DIF. MODE dB	/	/	6	6	30	48	40	40	40

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

1-8. SAFETY:

1-9. RoHS COMPLIANT

CONTROLLED

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: 862-06/003 RoHS Compliant

Description: EMI FILTER

UNIT: in

Drawn / Date: B.ZHANG

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