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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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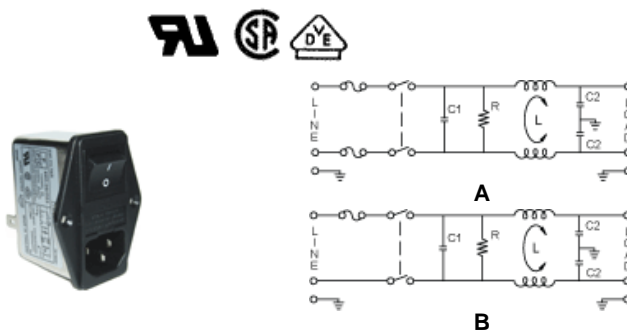
Part Number		Electrical Schematic	Amp Rating	Size L x W x H	IEC Conn	Fuse Holder	Power Switch	Voltage Selector
864-03/001		A	3	3.61 x 1.99 x 2.37	Yes	Double*	D P	Yes
864-03/003		B	3	3.61 x 1.99 x 2.37	Yes	Single*	D P	Yes
864-06/005		A	6	3.61 x 1.99 x 2.37	Yes	Double*	D P	Yes
864-06/007		B	6	3.61 x 1.99 x 2.37	Yes	Single*	D P	Yes
864-10/009		A	10-6**	3.61 x 1.99 x 2.37	Yes	Double*	D P	Yes
864-10/011		B	10-6**	3.61 x 1.99 x 2.37	Yes	Single*	D P	Yes

\* UL Rated 10A 125 and 250. VAC, CSA, VDE Rated 6A 250 VAC

\*\* UL 10A 125/250 VAC, CSA 6A 125/250 VAC, VDE 6A 250VAC

### 880 Series Multi-Function Module Filters

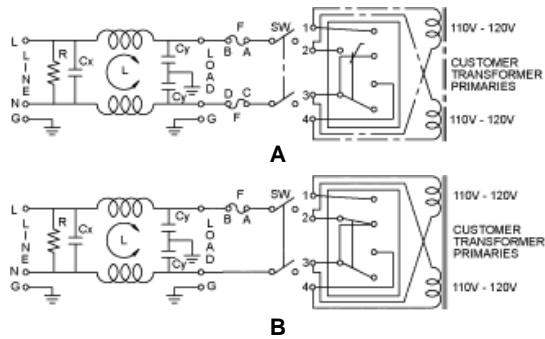
A multi-function power entry module filter that incorporates an IEC connector, double pole power switch, voltage selector switch, and optional single or double fuse holder (5 x 20 ) offering space savings.



Part Number		Electrical Schematic	Amp Rating	Size L x W x H	IEC Conn	Fuse Holder	Power Switch	Voltage Selector
880-01/001		A	1	2.46 x 1.97 x 2.34	Yes	Double	D P*	No
880-01/004		B	1	2.46 x 1.97 x 2.34	Yes	Single	D P*	No

880-03/002		A	3	2.46 x 1.97 x 2.34	Yes	Double	D P*	No
880-03/005		B	3	2.46 x 1.97 x 2.34	Yes	Single	D P*	No
880-06/003		A	6	2.46 x 1.97 x 2.34	Yes	Double	D P*	No
880-06/006		B	6	2.46 x 1.97 x 2.34	Yes	Single	D P*	No

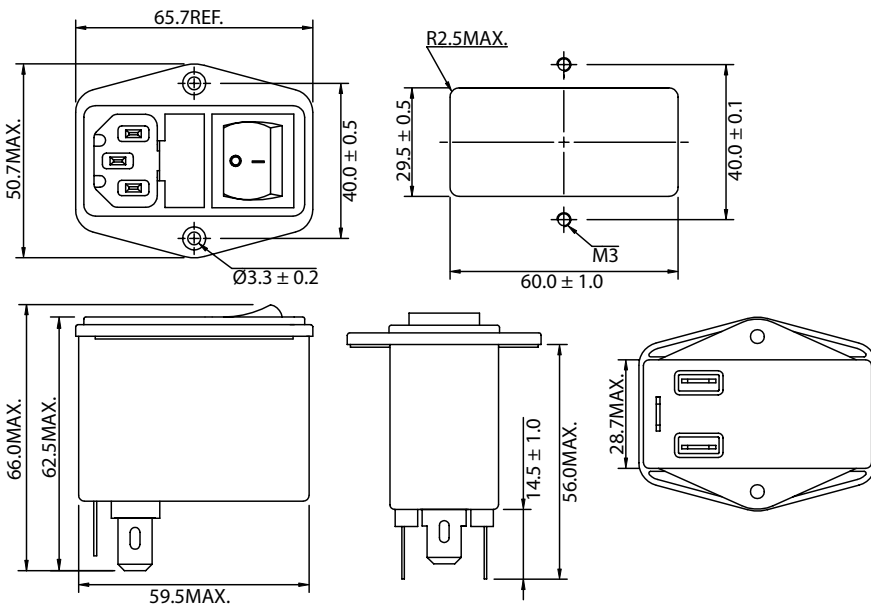
### 882 Series Multi-Function Module Filters



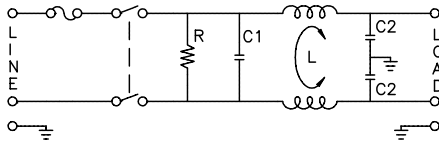
Part Number		Electrical Schematic	Amp Rating	Size L x W x H	IEC Conn	Fuse Holder	Power Switch	Voltage Selector
882-03/001		A	3	2.17 x 1.12 x 2.13	Y	DUAL	DP	Y
882-03/003		B	3	2.17 x 1.12 x 2.13	Y	SINGLE	DP	Y
882-06/011		A	6	2.17 x 1.12 x 2.13	Y	DUAL	DP	Y
882-06/013		B	6	2.17 x 1.12 x 2.13	Y	SINGLE	DP	Y
882-10/016		A	10	2.17 x 1.12 x 2.13	Y	DUAL	DP	Y
882-10/018		B	10	2.17 x 1.12 x 2.13	Y	SINGLE	DP	Y

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1. PHYSICAL DIMENSIONS



2. ELECTRICAL SCHEMATIC



L: 0.45mH  
 C1: 0.22uF  
 C2: 2200pF  
 R: 1.0MΩ

REVISION		
REV.	DESCRIPTION	APPROVED
B	RoHS Compliancy	DP

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 | /   | 2   | 5   | 8   | 15  | 20  | 32  | 40 | 25 |
| DIF. MODE dB | /   | 2   | 5   | 8   | 15  | 15  | 30  | 35 | 35 |
- 1-7. OPERATING TEMPERATURE.....-25° TO +85° C
  - 1-8. SAFETY:
  - 1-9. USE 5X20mm FUSE
  - 1-10. RoHS COMPLIANT

**CONTROLLED**

Dim range (mm)		Tolerance +/- (mm)	Qualtek Electronics Corp. PPC DIVISION	
0-1	0.15	0.15	Part Number: 880-06/006	
1-6	0.20	0.20	Description: EMI FILTER	
6-18	0.30	0.30	UNIT: mm	
18-50	0.50	0.50	Drawn / Date	
50-120	0.70	0.70	B.ZHANG	
120-250	0.90	0.90		
250-500	1.20	1.20		