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## MULTI-FUNCTION MODULE FILTERS



Primary Power Components Division

[EMI Filter Cross Reference](#)

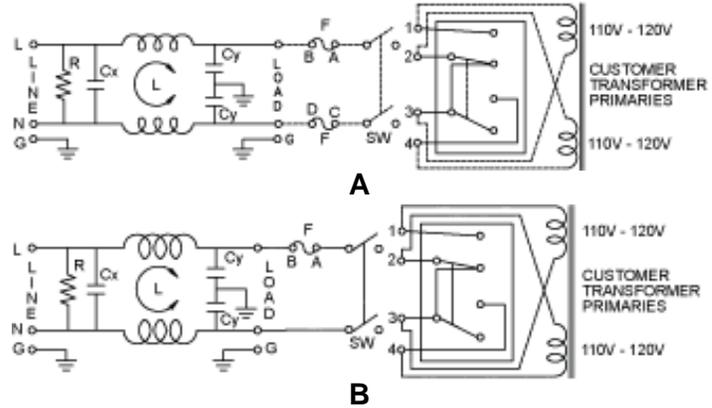
[EMI Filter Inquiry Form](#)

**RoHS  
Compliant**

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## 883 Series Multi-Function Module Filters

Compact multi-function module filter.



Part Number		Electrical Schematic	Amp Rating	Size L x W x H	IEC Conn	Fuse Holder	Power Switch	Voltage Selector
883-03/001		A	3	2.17 x 1.12 x 2.13	Y	DUAL	DP	Y
883-03/003		B	3	2.17 x 1.12 x 2.13	Y	SINGLE	DP	Y
883-06/011		A	6	2.17 x 1.12 x 2.13	Y	DUAL	DP	Y
883-06/013		B	6	2.17 x 1.12 x 2.13	Y	SINGLE	DP	Y
883-10/016		A	10	2.17 x 1.12 x 2.13	Y	DUAL	DP	Y
883-10/018		B	10	2.17 x 1.12 x 2.13	Y	SINGLE	DP	Y

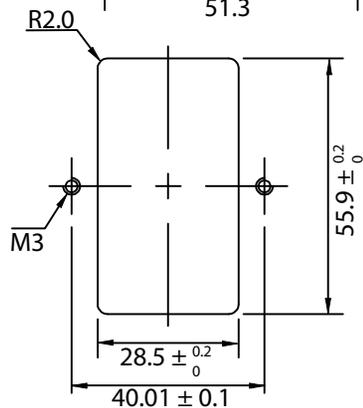
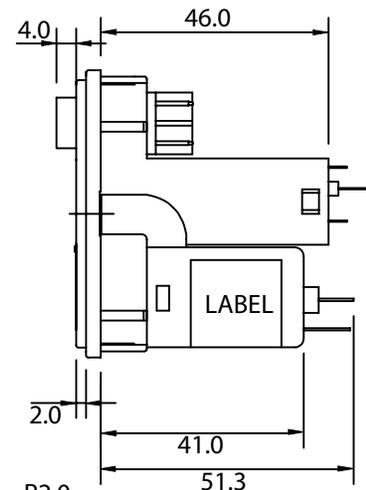
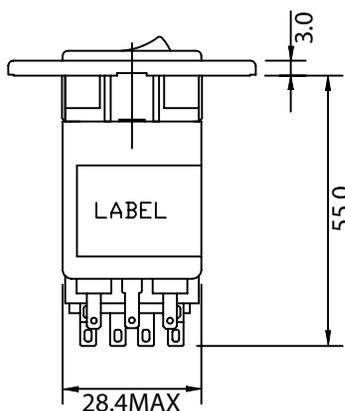
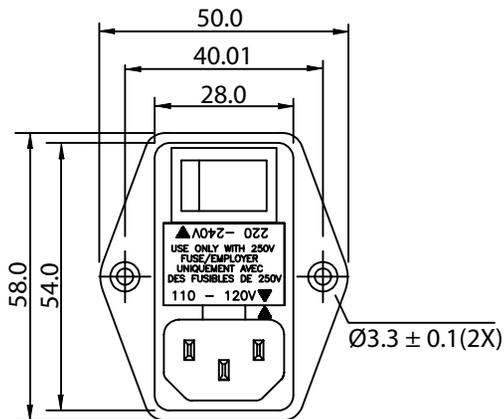
**Qualtek** Electronics Corporation

.....Design Solutions for Global Demands.....

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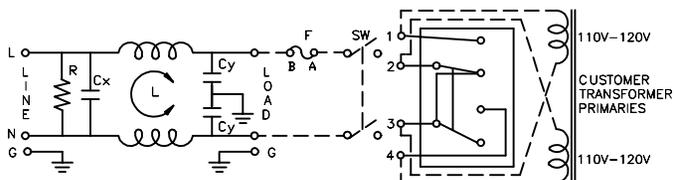
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1. PHYSICAL DIMENSIONS



PANEL CUTOUT (MOUNTING FROM FRONT)

2. ELECTRICAL SCHEMATIC



L: 0.2mH  
Cx: 0.1uF  
Cy: 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.....10 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	/	/	/	3	8	10	20	30	45
DIF. MODE dB	/	/	/	5	12	15	30	30	40

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

**CONTROLLED**

Dim range (mm)	Tolerance +/- (mm)	Qualtek Electronics Corp. PPC DIVISION	
		Part Number: 883-10/018	
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		
120-250	0.90	Drawn / Date	
250-500	1.20	B.ZHANG	