081 Series

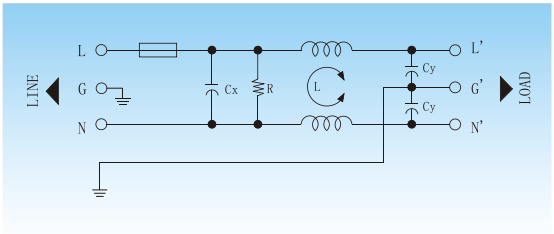
General Purpose Filtered Power Entry Modules with Fuse

Features

Compact safety module, easy to use power entry filter with safety fuse. Fast on tabs and other termination options also available.

Typical Applications

Electronic equipment, networking equipment and other applications which require a safety fuse.



Electrical Schematic

Specifications:

Rated Voltage Max. :	250 VAC
Rated Current :	1- 10A @40℃
Operating Frequency :	50/60 Hz
Leakage Current :	
@250VAC 50Hz	0.38 mA MAX.
@115VAC 60Hz	0.19 mA MAX.
Hipot Rating (1minute) :	
Line to Line:	1450 VDC
Line to Ground:	2250 VDC
Climatic Category :	25/85/21

Model No.	Rated Current(A) @40℃	Mechanical Diagram	Terminations	
			In	Out
LCR 081.00101.00	1	A	IEC Inlet Socket	Faston 6.35*0.8
LCR 081.00301.00	3	A	IEC Inlet Socket	Faston 6.35*0.8
LCR 081.00601.00	6	A	IEC Inlet Socket	Faston 6.35*0.8
LCR 081.01001.00	10	A	IEC Inlet Socket	Faston 6.35*0.8

Above filters can be customized upon request.

081 Series Insertion loss measured in a 50 ohms system

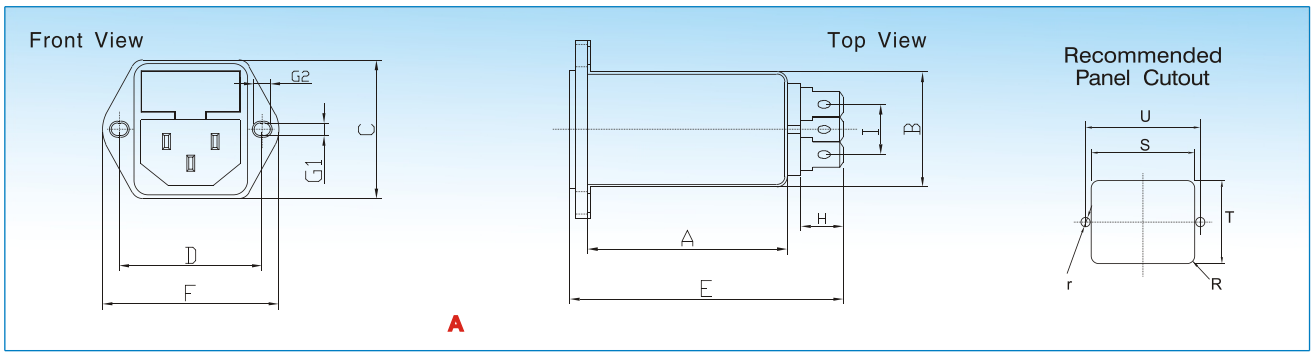
Common Mode Insertion Loss (dB)

Frequency (MHz.) / Filter P/N	0. 05	0. 1	0. 15	0. 5	1	5	10	30
LCR 081.00101.00	32	38	41	53	56	55	55	50
LCR 081.00301.00	28	34	37	49	51	52	50	50
LCR 081.00601.00	16	22	25	35	38	48	48	45
LCR 081.01001.00	10	16	18	26	28	42	42	40

Differential Mode Insertion Loss (dB)

Frequency (MHz.) / Filter P/N	0. 05	0. 1	0. 15	0. 5	1	5	10	30
LCR 081 Series	12	14	18	28	32	55	50	50

Mechanical Outlines:



Mechanical Dimensions:

Model No.	A	B	C	D	E	F	G	H	R	S	T	U	r
LCR 081.00101.00	50. 4	28.5	34. 0	36. 1	65.0	44.5	2XΦ4*5	7.6	3.5	29	33.3	36.1	2.1
LCR 081.00301.00	50. 4	28.5	34. 0	36. 1	65.0	44.5	2XΦ4*5	7.6	3.5	29	33.3	36.1	2.1
LCR 081.00601.00	50. 4	28.5	34. 0	36. 1	65.0	44.5	2XΦ4*5	7.6	3.5	29	33.3	36.1	2.1
LCR 081.01001.00	50. 4	28.5	34. 0	36. 1	65.0	44.5	2XΦ4*5	7.6	3.5	29	33.3	36.1	2.1

⚠ 1 inch=25. 4mm (All dimensions in mm)。

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