PCSP Series CHASSIS MOUNT EMI/RFI LINE FILTER



FEATURES

The PCSP series offers filters with compact designed chassis mount filter with current rating up to 10A, 250VAC. These filters offer common mode and differential mode attenuation over the frequency range of 100KHz to 50MHz.

APPLICATIONS

Computer & networking equipment, Measuring & control equipment, Data processing equipment, laboratory instruments, Switching power supplies, other electronic equipment.

TECHNICAL DATA

- Rated Voltage: 115/250VAC
- Rated Current: 1A, 3A, 6A, 10A
- Power Line Frequency: 50/60Hz
- Max. Leakage Current each

Line to Ground:

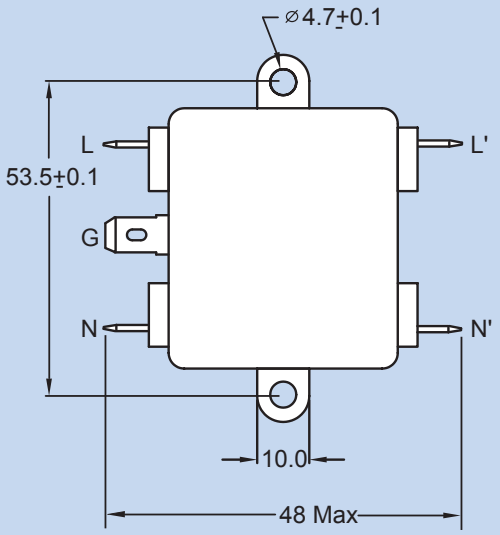
@ 115VAC 60Hz: <0.8mA
@ 250VAC 50Hz: <0.8mA

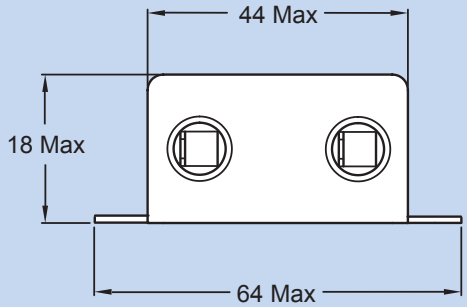
- Hipot Rating (one minute)

Line to Ground: 2250VDC
Line to Line: 1450VDC

- Temperature Range: -25C to +85C

MECHANICAL DIMENSIONS (Unit: mm)





Specifications subject to change without notice. Dimensions (mm).

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Power Dynamics, Inc.

PCSP Series Ordering Code

PDI P/N	Current Rating	Capacitor C(x)	Capacitor C(y)	Induactance (L)
PCSP-01	1A	0.1µF	3300pF	3.7mH
PCSP-03	3A	0.1µF	3300pF	1.8mH
PCSP-06	6A	0.1µF	3300pF	0.7mH
PCSP-10	10A	0.1µF	3300pF	0.3mH

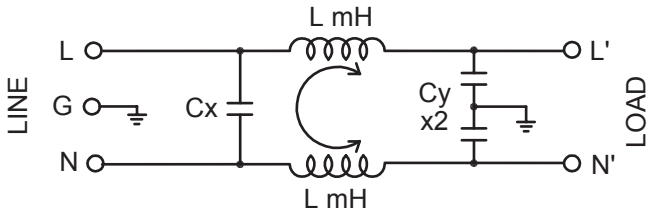
PCSP Series Attenuation Tables

Non-Medical Applications

Insertion loss in dB (50 Ohm circuit)

Current Rating	Comm. Mode(L-G) MHz							Diff. mode(L-L) MHz						
	.01	.15	.5	1	5	10	30	.01	.15	.5	1	5	10	30
1A	39	43	52	48	42	45	30	18	19	30	41	48	50	38
3A	39	44	46	49	50	53	40	17	18	29	32	54	54	50
6A	19	23	30	33	48	57	43	12	16	27	31	49	58	45
10A	18	19	24	29	46	52	52	12	16	25	29	56	71	51

SCHEMATIC



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