



220 Series Common Mode EMI Suppression Inductors

Features

- Designed for use in switching mode power supply input filter circuits
- Windings balanced within 1%
- Low profile and vertical mountings are available
- High dielectric strength 1250VRMS
- International safety construction
- Creepage 3.0mm minimum between windings
- Meets UL94VO requirement
- Tinned Leads with Leaded Solder is Available (note 3)

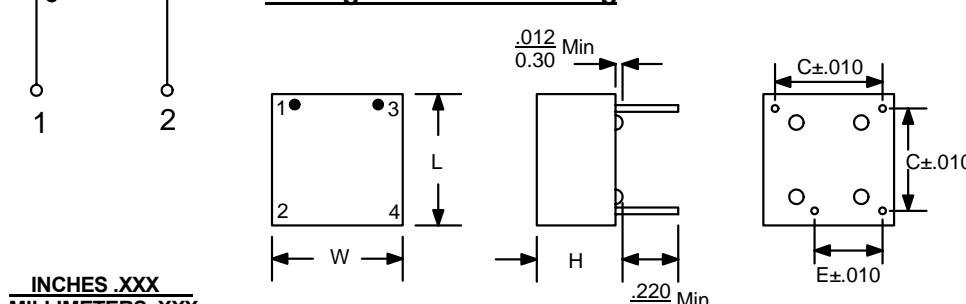
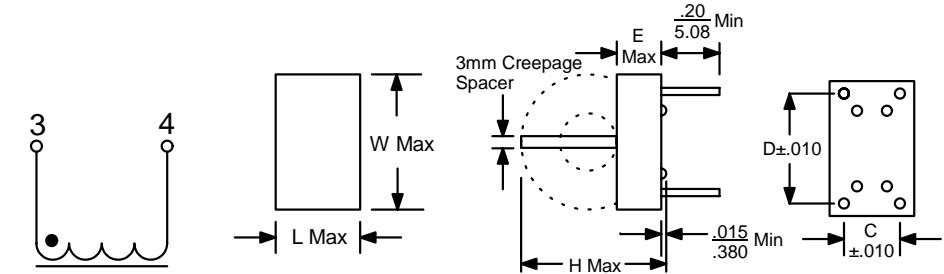


ELECTRICAL SPECIFICATIONS AT 25°C

Part Number Vertical Mounting	Inductance @ 1KHz mH (Min)	Test Volts RMS @ 1KHz	Leakage Inductance 130KHz μ H (Min)	DCR Each WDG Ω (Max)	Rated Current (1) Amps RMS	Load (2) VA RMS		Lead Dia Inches $\pm .003$	Package	Part Number Low Profile	Package
						117V	220V				
PT22001	10.0	0.50	130	0.24	1.8	210	420	0.032	1	PT22011	3
PT22002	3.0	0.20	35	0.06	3.5	400	800	0.032	1	PT22012	3
PT22003	1.0	0.08	12	0.02	6.0	700	1400	0.036	1	PT22013	3
PT22004	16.0	1.00	180	0.16	2.6	300	600	0.040	2	PT22014	4
PT22005	8.0	0.50	90	0.12	3.2	375	750	0.040	2	PT22015	4
PT22006	4.0	0.20	45	0.04	5.2	600	1200	0.036	2	PT22016	4
PT22007	2.0	0.08	25	0.02	7.5	875	1750	0.047	2	PT22017	4

Notes:

1. Caution-Do NOT exceed rated RMS current ratings.
2. Rated RMS current for 40°C temp rise.
3. For non-RoHS parts, replace PT prefix with 42- (e.g. PT22001 becomes 42-22001).
4. Terminal finish is compliant to RoHS requirements


 INCHES .XXX
 MILLIMETERS .XXX

Vertical Mounting Outline							Low Profile Outline					
	W	L	C	D	E	H		W	L	H	C	E
Package 1	.1150 29.21	.550 13.97	.400 10.15	.800 20.32	.450 11.43	1.150 29.21	Package 3	1.250 31.75	1.250 31.75	.610 15.54	1.000 25.40	.900 22.86
Package 2	1.440 36.57	.800 20.32	.600 15.24	.900 22.86	.700 17.78	1.500 38.10	Package 4	1.500 38.10	1.500 38.10	.810 20.62	1.280 32.51	1.083 27.50

DATATRONIC: 28151 Highway 74, Romoland, CA 92585 Tel: 951-928-7700 Toll Free Tel: 888-889-5391 Fax: 951-928-7701

Email: ddisales@datatronics.com

499 King's Road, Hong Kong Tel: (852) 2562 3858, (852) 2564 8477 Fax: (852) 2565 7214, (852) 2563 1290

All specifications are subject to change without notice.