

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)

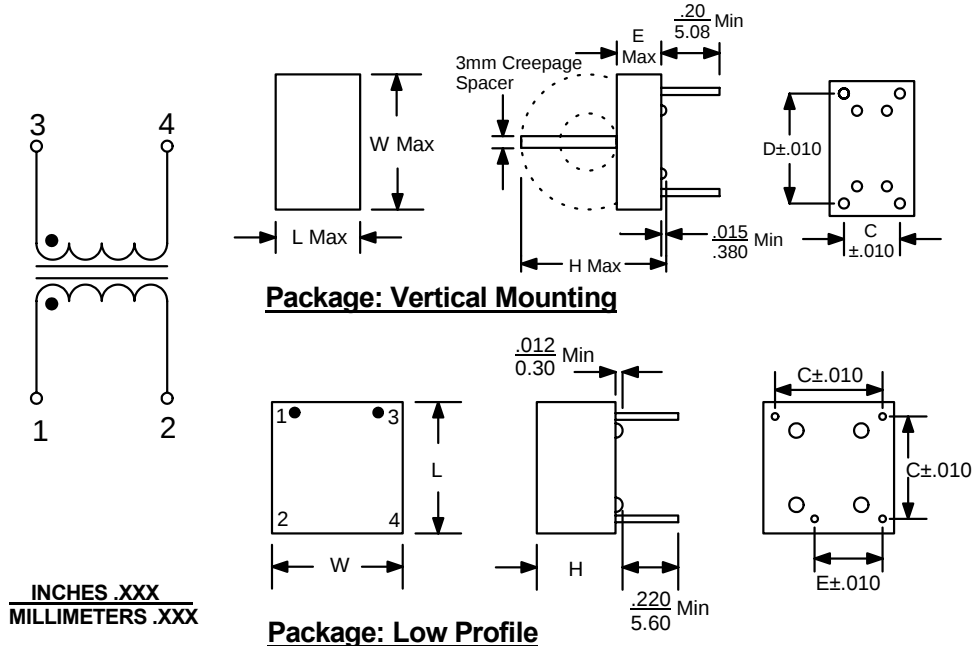


ELECTRICAL SPECIFICATIONS AT 25°C

Part Number Vertical Mounting	Inductance @ 1KHz mH (Min)	Test Volts RMS @ 1KHz	Leakage Inductance 130KHz μH (Min)	DCR Each WDG Ω (Max)	Rated Current (1) Amps RMS	Load (2) VA RMS		Lead Dia Inches ±.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:

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



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