

SERIES 500

GENERAL POTS SPLITTER INDUCTORS



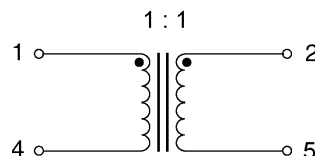
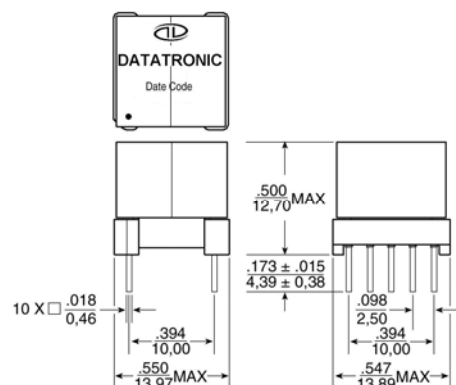
Features

- Maximum DC Line Current up to 80mA DC
- Dielectric strength 850VDC for 1 second
- Extended temperature range available
- Customization available
- Optimized design for size and performance

ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Turns Ratio (1-4):(2-5)±1%	OCL, Primary 10kHz, 1.0VAC, 0/100mADC 1-4 (mH)	Interwinding Capacitance 10kHz, 1.0VAC 1-2 Cs pf (Typ)	Resonant Frequency 1-4 & 2-5 (Min)	DCR @20°C 1-4, 2-5 (Ω±10%)	Line Loop Current (mA)
PT500-21	1:1	10.0±10%	1.6nf	220kHz	6.50	50
PT500-22	1:1	8.0±10%	820pf	350kHz	5.00	50
PT500-23	1:1	6.4±10%	820pf	350kHz	5.00	50
PT500-24	1:1	6.0±10%	820pf	220kHz	4.50	80
PT500-25	1:1	5.5±10%	820pf	220kHz	4.75	80
PT500-26	1:1	5.0±10%	820pf	450kHz	5.00	80
PT500-27	1:1	4.0±10%	680pf	450kHz	3.50	80
PT500-28	1:1	3.1±10%	680pf	400kHz	3.50	80
PT500-29	1:1	2.5±10%	680pf	500kHz	3.50	80
PT500-30	1:1	1.8±10%	420pf	700kHz	2.00	80
PT500-31	1:1	1.6±10%	360pf	750kHz	1.80	80
PT500-32	1:1	1.4±10%	420pf	800kHz	1.95	80
PT500-33	1:1	1.25±10%	360pf	800kHz	1.80	80
PT500-34	1:1	1.0±10%	360pf	800kHz	1.80	80

OUTLINE DIMENSIONS



SCHEMATIC

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

Note:

1. For non-RoHS parts replace PT prefix with 42- (e.g. PT500-21 becomes 42-500-21)
2. Terminal finish is compliant to RoHS requirements.