

SMT POWER INDUCTORS

P0751/2 Series



-  Reliable self-leads
-  High energy storage and low DC resistance
-  Ideal for DC/DC conversion in notebook computers, PDA's, step-up or step-down converters

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

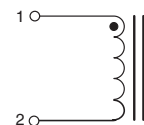
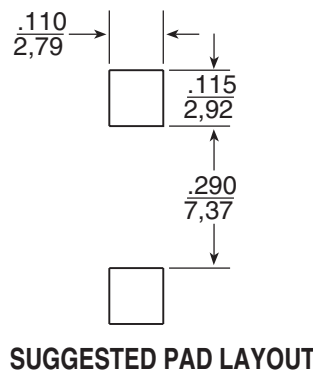
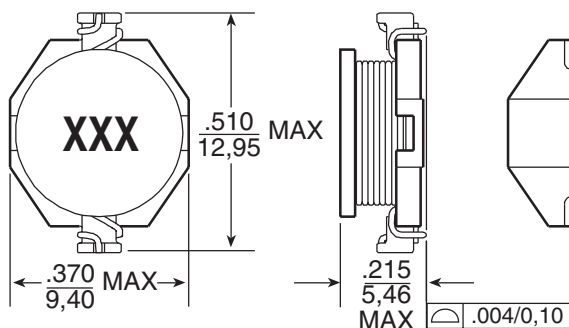
Part Number	Inductance @ I _{PK} A _{DC} (μH ± 15%)	DCR (MAX) (mΩ)	I _{PK} (A)	I _{RMS} (A)	Part Marking
P0751.102T	1.0	9	9	6.8	102
P0751.152T	1.5	10	8	6.4	152
P0751.222T	2.2	12	7	6.1	222
P0751.332T	3.3	15	6.4	5.4	332
P0751.472T	4.7	18	5.4	4.8	472
P0751.682T	6.8	22	4.6	4.4	682
P0751.103T	10	38	3.8	3.9	103
P0751.153T	15	46	3	3.1	153
P0751.223T	22	85	2.6	2.7	223
P0751.333T	33	100	2	2.1	333
P0751.473T	47	140	1.6	1.8	473
P0751.683T	68	180	1.4	1.5	683
P0752.104T	100	260	1.2	1.3	104
P0752.154T	150	380	1	1	154
P0752.224T	220	610	.8	.8	224
P0752.334T	330	930	.6	.6	334
P0752.474T	470	1270	.5	.5	474
P0752.684T	680	1840	.4	.4	684
P0752.105T	1000	2880	.3	.3	105

NOTES:

- Inductance tested at 100 kHz, 10 mV_{RMS}
- Inductance drop = 10% typical at I_{PK}
- ΔT = 15°C rise typical at I_{RMS}

Mechanical

Schematic



Weight 0.8 grams
Tape & Reel 800/reel

Dimensions: Inches
mm
Unless otherwise specified,
all tolerances are ± .010
0.25