



80T/81T SERIES

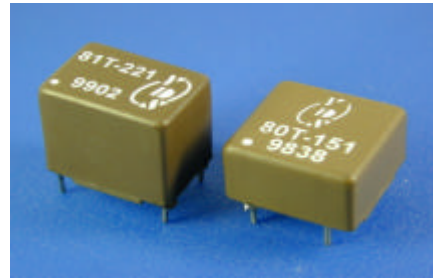
STANDARD LOW POWER INDUCTORS
DESIGNED FOR GENERAL PURPOSE USE- SWITCH
MODE POWER CONVERTERS AND RIPPLE FILTERS

FEATURES

- HIGH INDUCTANCE STABILITY WITH VARYING VOLT-SECONDS AND LOAD CURRENTS.
- COMPACT, STANDARD PACKAGES.
- LOW PROFILE OR VERTICAL PACKAGES.

TEST CONDITIONS

Inductance ----- 10KHz/1V



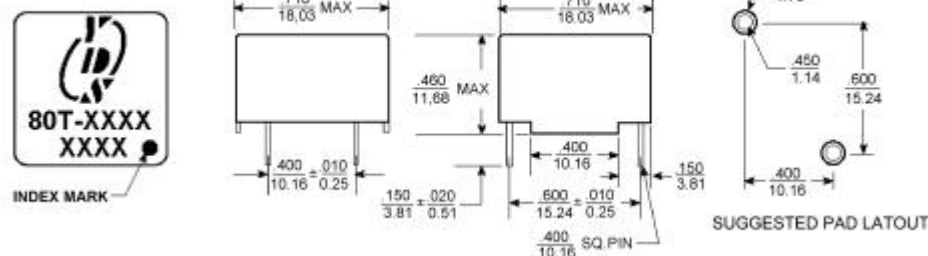
ELECTRICAL SPECIFICATIONS @25 °C -Operating temperature -30 °C TO +130 °C

REFERENCE OPERATING VALUES						DESIGN CONTROL VALUES		
LOW PROFILE PART NUMBER	VERTICAL PART NUMBER	INDUCTANCE TYPICAL (μHy)	IDC (AMPS)	MAXIMUM ETOP (V-μ SEC)	ENERGY STORAGE (μ J)	INDUCTANCE NO DC (μ Hy ±20%)	20KHz TEST mV NO DC	DCR (MAX)
80T-151	81T-151	150	1.7	80	215	145	110	0.42
80T-221	81T-221	220	1.5	90	240	226	140	0.42
80T-331	81T-331	330	1.0	100	165	316	170	0.78
80T-471	81T-471	470	0.90	120	190	480	210	1.26
80T-681	81T-681	680	0.85	175	245	690	250	1.50
80T-821	81T-821	820	0.75	175	230	780	270	2.40
80T-102	81T-102	1000	0.50	175	125	975	300	2.60

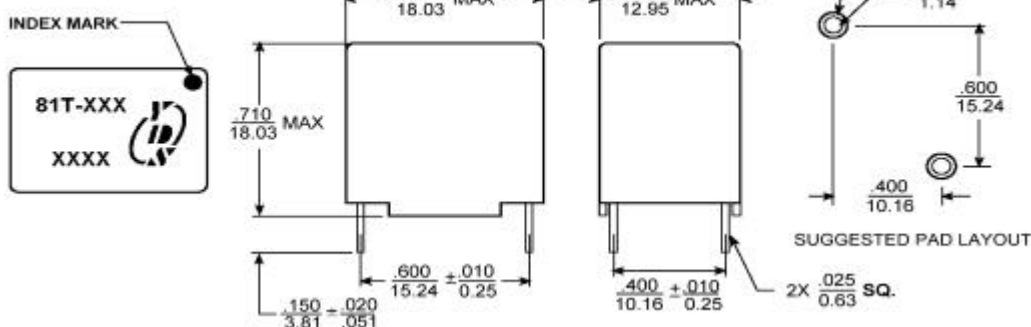
MARKINGS AND DIMENSIONS

SCHEMATIC

Low Profile Package



Vertical Package



Dimensions: inches/mm

Unless otherwise specified, all tolerances are ±010/±0.25