

FEATURES:

- Self-leaded, surface mount
- Suited for IR and vapor phase reflow soldering
- Frequency range up to 1MHz
- Recognized by UL 60950-1

TEST CONDITIONS:

- Inductance-----1MHz/1V
- Leakage Inductance-----1MHz/1V

YUAN DEAN SCIENTIFIC



Surface Mount
Inductor
96T SERIES

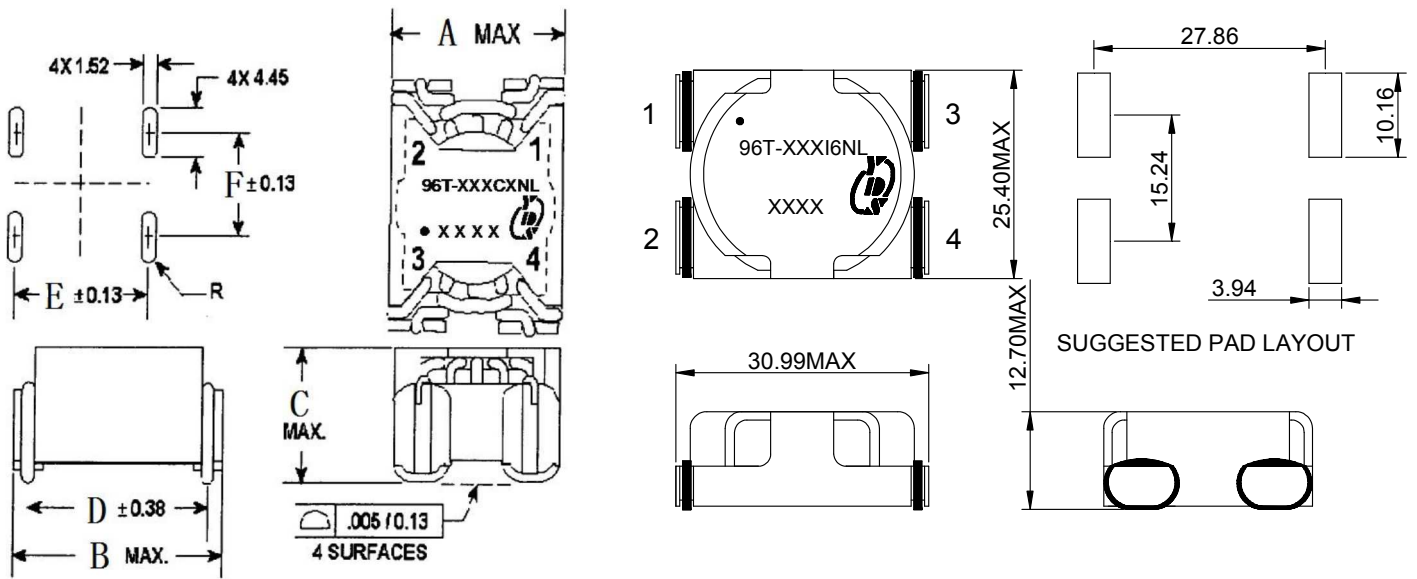
High & Low Current Coupled



ELECTRICAL SPECIFICATIONS@25°C-OPERATING TEMPERATURE 0°C TO 70°C

Part Number	I _{DC} (Amps)	L _{W/DC} (μH)	ET (V-μ sec)	Size Code	L _{W/0DC} (μH±20%)	Max DCR (mΩ)
96T-021I6NL	22.4	2.10	3.25	I6	4.00	3.4
96T-430C3NL	1.1	43.6	7.83	C3	77.0	309
96T-220C4NL	2.7	21.9	6.90	C4	39.5	90.5
96T-040C5NL	6.4	4.025	3.135	C5	6.575	23

Mechanicals and Dimensions



SIZE CODES (inches/mm)

	I6	C3	C4	C5
A	1.00/25.4	.560/14.22	.590/14.99	.670/17.02
B	1.11/28.19	.645/16.38	.715/18.16	.770/19.56
C	.390/9.91	.350/8.89	.390/9.91	.390/9.91
D	1.00/25.4	.520/13.21	.600/15.24	.650/16.51
E	.620/15.75	.340/8.64	.370/9.40	.445/11.30
F	1.010/25.65	.530/13.46	.610/15.49	.660/16.76

Schematics

