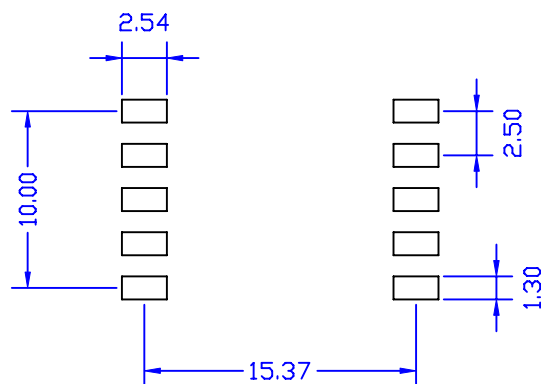
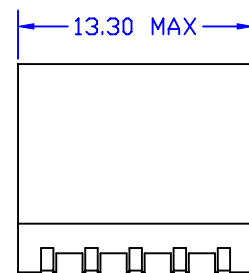
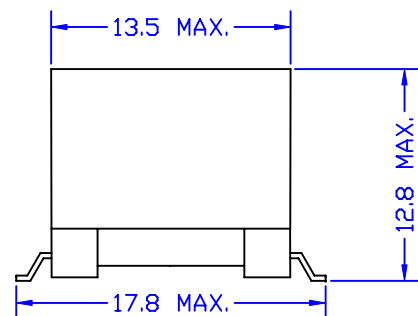
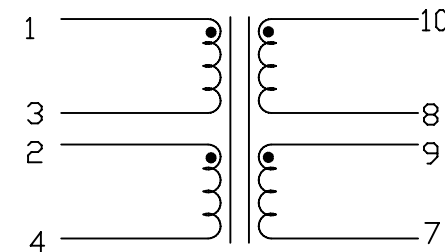
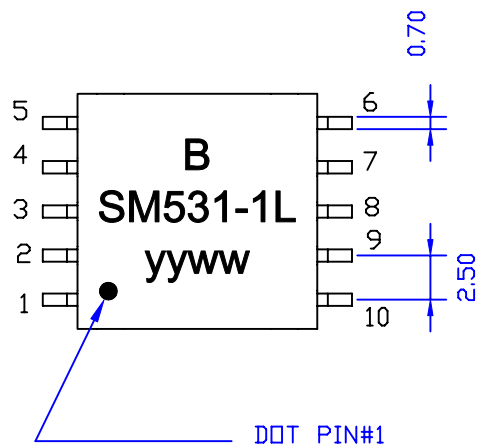




SUGGESTED PAD LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ± 0.25

ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-4 (2-3 SHORT) = 1.6 Ω $\pm 10\%$.
PIN 10-7 (8-9 SHORT) = 1.6 Ω $\pm 10\%$.
- INDUCTANCE (@10KHz, 0.1 Vrms) :
PIN 1-4 (2-3 SHORT) = 1.97 mH $\pm 9\%$.
PIN 10-7 (8-9 SHORT) = 3.2 mH $\pm 9\%$.
- LEAKAGE INDUCTANCE (@100KHz, 0.1 Vrms) :
PIN 1-4 (2-3, 8-9, 10-7 SHORT) = 7.5 μ H MAX.
- INSERTION LOSS (@100 KHz) = 0.5 dB MAX.
- THD (@30KHz) :
PIN (2-3, 8-9 SHORT, 10-7 W/H 100 Ω) = -80 dB TYP.
- LONGITUDINAL BAL.
30 KHz = 50 dB MIN.
1.1 MHz = 50 dB MIN.
- TURN RATIO (@300KHz, 0.1 Vrms) :
PIN 10-7:1-4 (2-3, 8-9 SHORT) = 1.27 $\pm 2\%$.
- HI-POT : 1500 VAC, 1 mA, 2S
- RoHS COMPLIANT

						Atech® Atech Technology Co., Ltd. TEL:0212794-6667 FAX:0212794-8004		TITLE	
								TRANSFORMER	
								DWG. NO.	
								SM531-1EL	
	RELEASE	07/18/2006	PAIR	MICHAEL	EUGENE	UNITS:		SAFETY	
						M/M			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE		SHEET 1 OF 1	
REVISIONS						07/18/06		DRAW <i>Pair</i>	