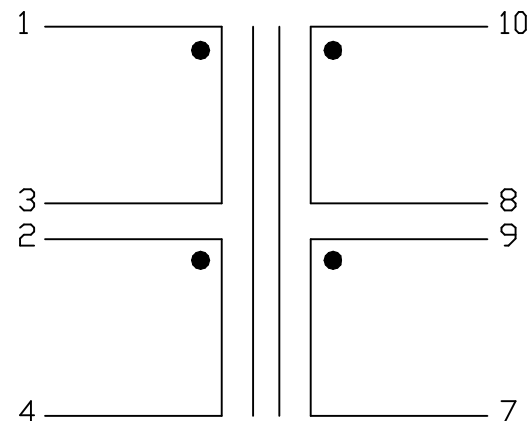
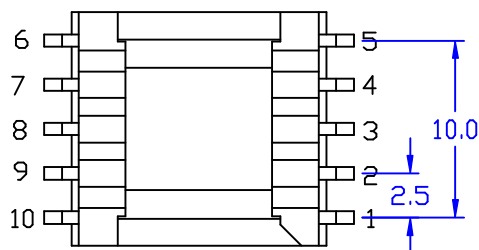
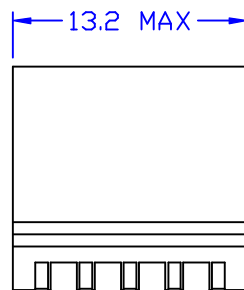
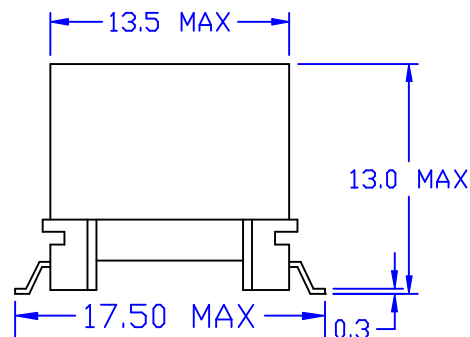


DOT PIN#1



ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-3 = 2-4 = $1.3 \Omega \pm 10\%$
PIN 9-7 = $1.12 \Omega \pm 10\%$
PIN 10-8 = $1.5 \Omega \pm 10\%$
- INDUCTANCE : (@10 KHZ, 1 Vrms, W/H 2-3 SHORT) 1-4 = $5 \text{ mH} \pm 10\%$
- LEAKAGE INDUCTANCE : (@100 KHZ, 0.1 Vrms, W/H 2-3, 8-9, 1-4 SHORT)
10-7 = $12 \mu\text{H MAX.}$
- INTERWINDING CAP. : (@10 KHZ, 0.1 Vrms, W/H 2-3, 8-9 SHORT)
1-10 = 55 pF MAX.
- INSERTION LOSS : (@100KHZ) = 1dB MAX.
- FREQUENCY RESPONSE : (@25KHZ~1.1MHZ, REF100KHZ) : $\pm 1.25\text{dB}$
- RETURN LOSS : (@25KHZ~1.1MHZ, REF 100 Ω) : 10dB MIN.
- LONGITUDINAL BALANCE : (30KHZ~1.1MHZ) : 40dB MIN.
- T.H.D : (@30KHZ, 2.5Vrms) = 85dB MIN.
(@130KHZ, 2.5Vrms) = 80dB MIN.
- TURN RATIO : (@10 KHZ, 1 Vrms) 10-7 (8-9 SHORT) : 1-4 (2-3 SHORT) = $1 \pm 1\%$
- HI-POT : (@1875 VAC, 1 mA, 2 SEC) 1-10 (8-9, 2-3 SHORT)

						Atech®		TITLE ADSL TRANSFORMER	
						Atech Technology Co., Ltd.		DWG. NO. SM538—1	
						TEL:(02)2794—6667 FAX:(02)2794—8004			
	RELEASE	01/11/2005	BART	MICHAEL	SUEDY	UNITS: M/M		SAFETY	
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE		SHEET 1 OF 1	
REVISIONS						01/11/05		DRAW <i>Pair</i>	