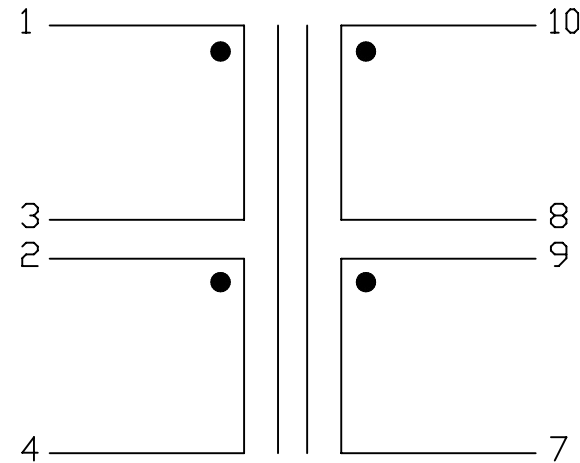
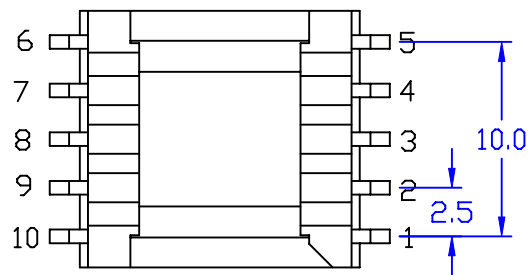
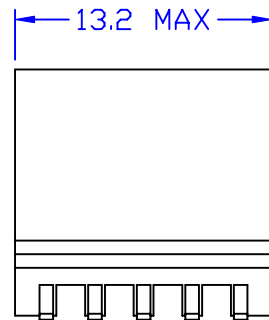
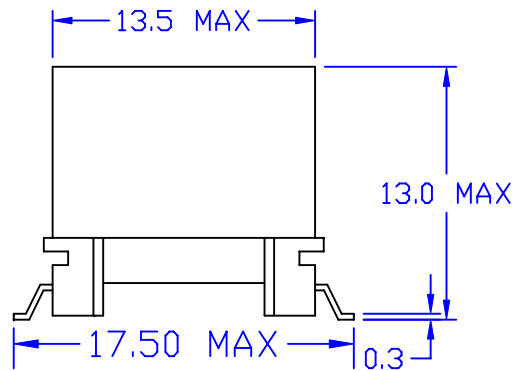


DOT PIN#1



ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-3 = 2-4 = 1.3 Ω HM $\pm$ 10%
PIN 9-7 = 1.12 Ω HM $\pm$ 10%
PIN 10-8 = 1.5 Ω HM $\pm$ 10%
- INDUCTANCE : (<@10 KHZ, 1 Vrms, W/H 2-3 SHORT) 1-4 = 5 mH $\pm$ 10%
- LEAKAGE INDUCTANCE : (<@100 KHZ, 0.1 Vrms, W/H 2-3, 8-9, 1-4 SHORT)
10-7 = 12 μ 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) : $\pm$ 1.25dB
- RETURN LOSS : (<@25KHZ~1.1MHZ, REF 100 Ω HM) : 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)
- RoHS COMPLIANT

						Bourbs Inductive Solution		TITLE ADSL TRANSFORMER	
								DWG. NO. SM538-1EL	
	RELEASE	10/11/2007	PAIR	MICHAEL	EUGENE	UNITS: M/M	SAFETY		SHEET 1 OF 1
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE			DRAW <i>Pair</i>
REVISIONS						10/11/07			