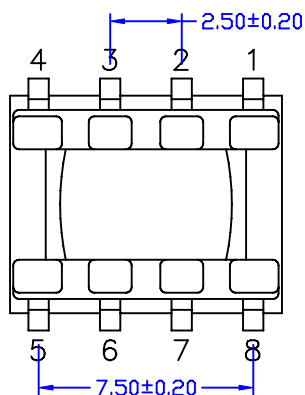
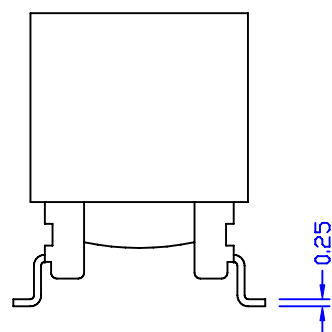
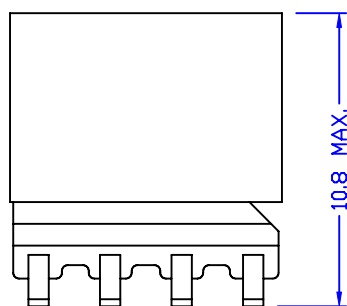
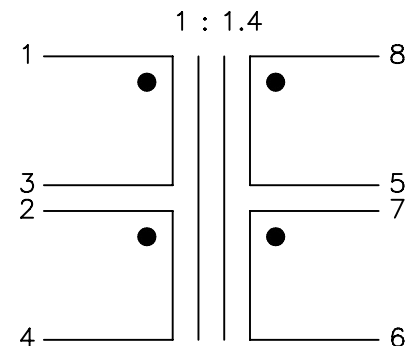
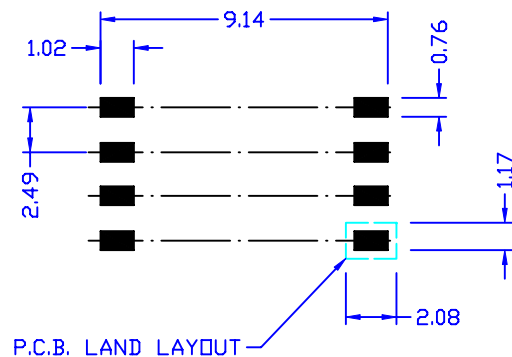
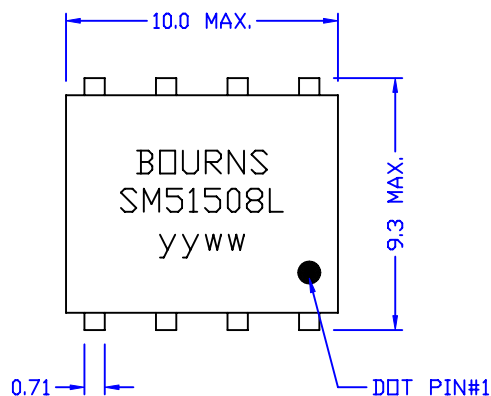




ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-3 = 2-4 = 0.66 Ω HM $\pm$ 12%
PIN 8-5 = 2.20 Ω HM $\pm$ 12%
PIN 7-6 = 1.54 Ω HM $\pm$ 12%
- INDUCTANCE (@10KHZ, 0.1Vrms) :
PIN 1-4 (2-3 SHORT) = 400uH $\pm$ 10%
- LEAKAGE INDUCTANCE (@100KHZ, 0.1Vrms) :
PIN 6-8 (2-3 5-7 1-4 SHORT) = 10uH MAX.
- INTERWINDING CAP. (@10KHZ, 1Vrms) :
PIN 1-8 (2-3 5-7 SHORT) = 55pF MAX.
- INSERTION LOSS (@300KHZ, 0dBm) :
PIN 1-4 (2-3 5-7 SHORT, 8-6 W/H 199 Ω HM LOAD) = 0.7dB MAX.
- LONGITUDINAL BAL. : (@20KHZ) = 40dB MIN. , (@500KHZ) = 40dB MIN.
@1.1MHZ = 40dB MIN.
- THD (@40KHZ, 2Vrms) :
PIN 1-4 (2-3 5-7 SHORT, 8-6 W/H 199 Ω HM) = -80dB MAX.
- TURN RATIO : (@700KHZ, 1Vrms) PIN 8-6 : 1-4 (2-3 5-7 SHORT) = 1.4 $\pm$ 1%
(@1.4MHZ, 1Vrms) PIN 8-5 : 1-3 = 1.4 $\pm$ 1%
- HI-POT (@1875VAC, 1mA, 1SEC) : PIN 1-8 (2-3 5-7 SHORT)
- RoHS COMPLIANT

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								SM51508EL
						UNITS:	SAFETY	SHEET 1 OF 1
						M/M		
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW
REVISIONS						10/18/06	CTA40700GA	Pair