10/100 BASE PULSE TRANSFORMER

P/N: TS6114 DATA SHEET

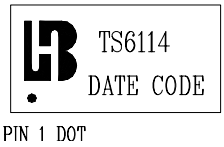
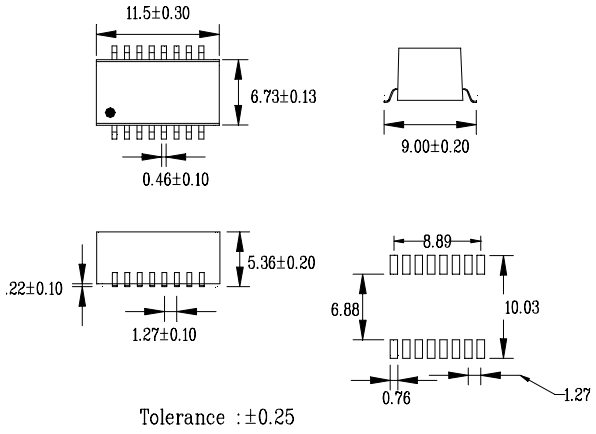
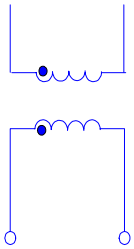
A. GENERAL SPECIFICATIONS:

1. 16PINS SOIC ISOLATION MODULES.
2. MEET THE REQUIREMENTS OF IEEE802.3.

B. ELECTRICAL SPECIFICATIONS@ 25°C

1. TURN RATIO(±3%)1CT: 1.41CT 1-3: 16-14
   1CT: 1CT 6-8:11-9
2. HI-POT: 1500 Vrms
3. OCL: 350uH (Min)@ 100KHz, 8mA DC
4. Cw/w: 25pF Max
5. LEAKAGE INDUCTANCE(LL): 0.6uH (Max)
6. CROSSTALK (0.1-100MHz) -40dB Min
7. CMRR (0.1-100MHz) -40dB Min
8. PRI DCR : 0.9 OHM Max
9. INSERTION LOSS(1-100MHz): -1.1dB Max
10. RETURN LOSS(dB Min): 0.5-30MHz 40MHz 50MHz 60-80MHz
    -18 -15.5 -13.6 -12

C. SCHEMATIC & DIMENSIONS & MARKING (UNIT mm):



PIN 1 DOT