

PN/:40ST1041A DATA SHEET

A. GENERAL SPECIFICATIONS

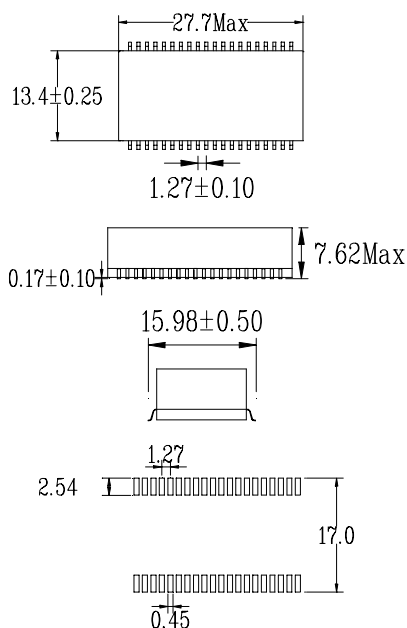
1.IEEE 802.3 ETHERNET COMPA

1. IEEE 802.3 ETHERNET COMPATIBLE, 100 BASE-TX
2. SURFACE MOUNTABLE
3. DESIGN FOR MULTIPORT REPEATER AND ETHERNET SWITCHING HUB APPLICATION
4. CUSTOMER DESIGNS AVAILABLE FOR SPECIFIC APPLICATION

1.ISOLATION HI-POT: 1500 Vrms (PRI. /SEC.)

- 1.ISOLATION HI-POT: 1500 Vrms (PRI. /SEC.)
- 2.TURN RATIO (+/- 5%): TX=1CT: 1CT, RX=1:1
- 3.RISE TIME: 0.25 ns TYP
- 4.CW/W: 28 pF Max
- 5.LEAKAGE INDUCTANCE (1MHz): 0.5uH Max
- 6.CMRR (0.1-100 MHz): -37dB MIN
- 7.CROSSTALKS (0.1 TO 100MHz): -38dB Min
- 8.RETURN LOSS (MIN):

5-30 MHz	30-60 MHz	60-80 MHz
-16dB	-12dB	-10 dB
- 9.OCL(uH,Min):350 uH, at 8mA DC FORM 0-70°C
- 10.DCR: 0.9Ω Max
11. INSERTION LOSS (1MHz-100MHz): -1.15dB MAX

TOLERANCE: ± 0.25 