

PN/:40ST1041C DATA SHEET

1.IEEE 802.3 ETHERNET COMPATIBLE, 100 BASE-TX

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.)

2.TURN RATIO ($\pm 5\%$): TX=1CT: 1CT, RX=1:1

3. RISE TIME: 2.5 ns TYP

4.CW/W: 28 pF MAX

5.LEAKAGE INDUCTANCE (1MHZ): 0.45uH Max

6.CMRR (0.1-100 MHz): -37dB Min

7.RETURN LOSS (Min): 5-30 MHz 30-60MHz 60-80 MHz

-16dB -12dB -10 dB

8.CROSSTALKS (0.1 TO 100MHz): -38dB Min

9.OCL (uH,Min):350 uH, at 8mA DC FROM 0-70°C

10.DCR: 0.9 Max

11. INSERTION LOSS (1MHz-100MHz): -1.15dB Max

LB 40ST1041C
DATE CODE

Technical drawing of a rectangular component with dimensions and tolerances:

- Top horizontal dimension: 27.7Max
- Left vertical dimension: 13.4 ± 0.25
- Bottom horizontal dimension: 1.27 ± 0.10
- Right vertical dimension: 7.62Max
- Bottom horizontal dimension (inner): 15.98 ± 0.50
- Bottom horizontal dimension (inner, smaller): 1.27
- Left vertical dimension (inner): 2.54
- Right vertical dimension (inner): 17.0
- Bottom horizontal dimension (inner, smaller): 0.45

Suggest pad layout

TOLERANCE: ± 0.25 