

# T1/E1/CEPT /ISDN-PRI TRANSFORMER

## P/N: 4S1181 DATA SHEET

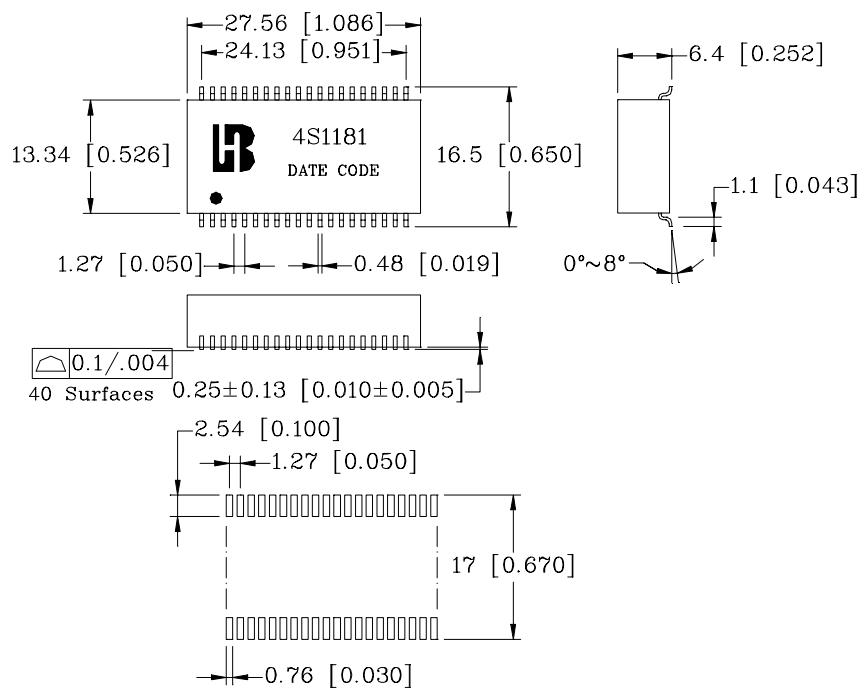
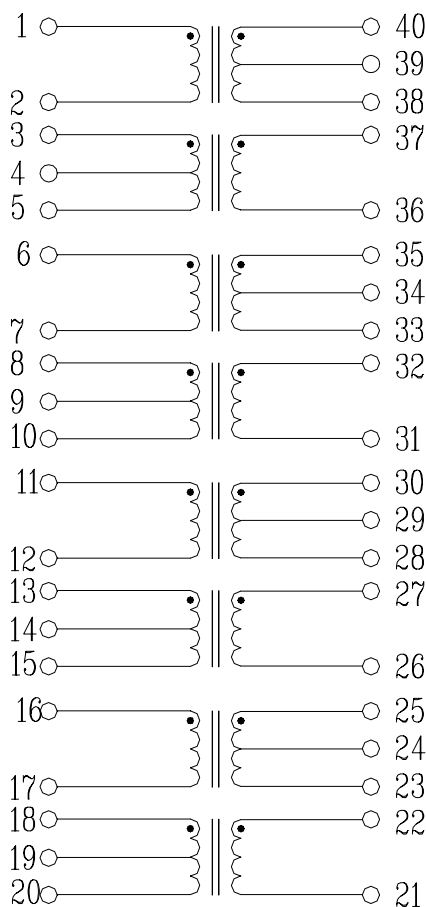
### A. General Specifications

1. Eight transformers in a surface mount package supports four transmit and four receive channels
2. Cross talk : -65dB or better
3. Models matched to leading quad and dual T1/E1/CEPT/ISDN-PRI transceivers .
4. Operating temperature range: 0°C to +70°C

### B. Electrical Specifications @25°C

1. Turns Ratio( $\pm 2\%$ ) : PRI:SEC =1:2.1CT
2. TX/RX OCL.: 1.2 mH Min /0.6 mH Min
3. TX/RX. Cw/w: 35 pF Max/35 pF Max
4. TX/RX L/L: 0.6  $\mu$ H Max/0.6  $\mu$ H Max
5. TX. Primary PINS: 1-2, 6-7, 11-12, 16-17
6. RX. Primary PINS : 21-22, 26-27, 31-32, 36-37
7. Isolation HI-POT:1500 Vrms

### C. Schematic & Mechanical:



PCB Suggest pad layout Dimensions:mm[Inches]  
Unless otherwise specified, all tolerances are  $\pm 0.25$ [0.01]