

T1/CEPT(E1)/ISDN-PRI TRANSFORMER

PN/: 4S1073 DATA SHEET

A.GENERAL SPECIFICATIONS

- 1.EIGHT TRANSFORMERS IN A SURFACE MOUNT PACKAGE SUPPORTS FOUR TRANSMIT AND FOUR RECEIVE CHANNELS.
- 2.CROSSTALK: -65dB OR BETTER
- 3.MODELS MATCHED TO LEADING QUAD AND DUAL T1/E1/CEPTISDN-PRI TRANSCEIVERS.
- 4.UL 1950 RECOGNIZED, BABT APPROVAL TO EN 60950.

B.ELECTRICAL SPECIFICATIONS @ 25°C

- 1.ISOLATION HI-POT: 1500 Vrms (PRI./SEC.)
- 2.TURN RATIO ($\pm 5\%$): TRANSMIT=1:2, RECEIVE=1:2
- 3.TX/RX OCL. :1.2mH Min /1.2mH Min
- 4.TX/RX. Cw/w: 35pF Max/35pF Max
- 5.TX/RX L/L: 0.6uH Max/0.6uH Max
- 6.TRANSMIT: 1-2, 6-8, 11-13, 16-18
- 7.RECEIVE: 4-5, 9-10, 14-15, 19-20

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

