

# T1/CEPT/ISDN-PRI TRANSFORMER

## P/N: S416 DATA SHEET

### A. GENERAL SPECIFICATIONS:

1. SMALL OUTLINE SURFACE MOUNT PACKAGE.
2. DUAL PACKAGE CONTAINS BOTH TRANSMIT & RECEIVE TRANSFORMERS
3. MODELS MATCHED TO LEADING TRANSCEIVER ICs
4. 1500Vrms ISOLATION VOLTAGE.

### B. ELECTRICAL SPECIFICATIONS: (@25°C)

- 1.OCL INDUCTANCE: 22mH MIN PIN10-6 @ 10KHz/0.2V
- 2.LEAKAGE INDUCTANCE: 5uH Max PIN 10-6(2-4,1-5 SHORT)@100KHz/0.2V
- 3.Cw/w : 80pF Max PIN 10-1(2,4SHORT) @100KHz/0.2V
- 4.CD : 22pF Max PIN 10-6 @100KHz/1V
- 4.TURN RATIO (PRI:SEC  $\pm 1\%$ ): 1-5(2-4 SHORT):10-6=2:1
- 5.DC RESISTANCE: 2.9  $\Omega$  MAX PIN 10-6 & 5.8  $\Omega$  MAX PIN 1-5(2,4 SHORT)
- 7.HI-POT: 1500Vrms PIN 10-1(2,4 SHORT)
- 8.PRIMARY PINS: 16-14,6-8

### C.DIMENSIONS & SCHEMATIC & MARKING (UNIT: mm) Tolerance: +/-0.25

