

# TRANSFORMER FOR ADSL MODEM

**MODEL NO. : SAT-1312**

**FEATURES:**

- \* APPROVED FOR USE WITH ANALOG DEVICES AD20msp910  
ADSL CHIPSET/AD816 ADSL LINE DRIVER

**ELECTRICAL SPECIFICATION: (PULSE B2032 COMPATIBLE)**

- \* IMPEDANCE RATIO : PRI – SEC : 100Ω:100Ω
- \* INDUCTANCE : 10 – 7 w/8-9 SHORTED : 5.0 mH ± 10% @ 10 KHZ,100mVRMS.
- \* DC RESISTANCE : 1 – 4 : 3Ω MAX  
: 10 – 7 : 3Ω MAX
- \* THD : -80dB @ 30 KHZ  
: -60dB @ 300 KHZ
- \* FREQUENCY RESPONSE : ± 1.0dB MAX @ 30 KHZ – 1.1 MHZ.
- \* LONGITUDINAL BALANCE : 40dB MIN @ 25 KHZ - 1.1 MHZ.
- \* LEAKAGE INDUCTANCE : 1-4 :18 uH MAX. @ 100 KHZ,100 mVRMS w/2-3,8-9&10-7 SHORTED
- \* INSERTION LOSS : 0.5dB MAX @ 100 KHZ.
- \* TURN RATIO : 10 – 8 : 9 – 7 = 1:1± 2%  
: 10 – 8 : 1 – 3 = 1:1± 2%
- \* HI –POT : PRI-SEC:1500 VRMS FOR 1 SECOND BETWEEN PRIMARY AND SECONDARY.

**PHYSICAL DIMENSION : ( UNIT : mm )**

