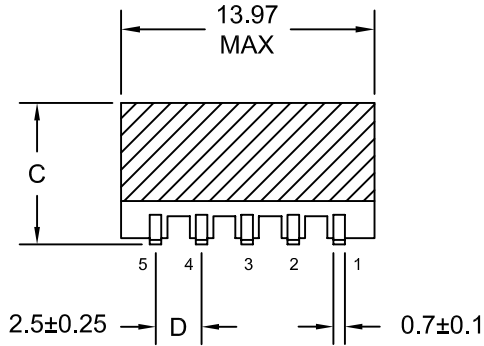


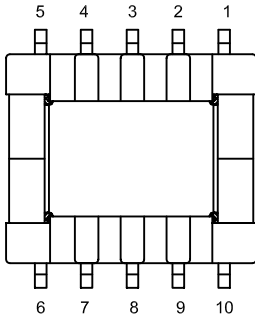
## ADSL LINE TRANSFORMER P/N: G034095

### :: Mechanical Requirement ::

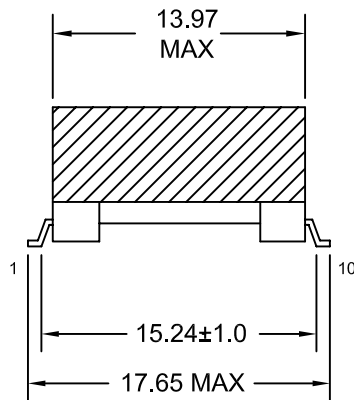
UNIT: mm



FRONT VIEW



BOTTOM VIEW



R-SIDE VIEW

### :: Features ::

- FOR TEXAS INSTRUMENTS AR7 CHIP
- EXCELLENT THD PERFORMANCE
- DESIGNED TO MEET UL 1950 SUPPLEMENTARY INSULATION REQUIREMENTS FOR WORKING VOLTAGES UP TO 250Vrms

### :: Applications ::

- ADSL CPE

### :: Specifications @ 25°C ::

- INDUCTANCE (1-4): 1.5mH  $\pm$ 5% @ 10KHz, 0.1V
- LEAKAGE INDUCTANCE (1-4): 15  $\mu$ H MAX @ 100KHz, 0.1V
- RDC (1-4): 2.2 OHM MAX  
(10-7): 0.55 OHM MAX
- TURNS RATIO (1-4):(10-7)=2:1  $\pm$ 2% @ 10KHz, 1V
- INTERWINDING CAPACITANCE: 40 pF MAX @ 10KHz, 0.1V
- DIELECTRIC STRENGTH: 1,500VAC, 1 MINUTE
- THD: -83dB MAX @ 30KHz
- LONGITUDINAL BALANCE: -55dB MAX FROM 20KHz - 1 MHz

### :: Schematic ::

