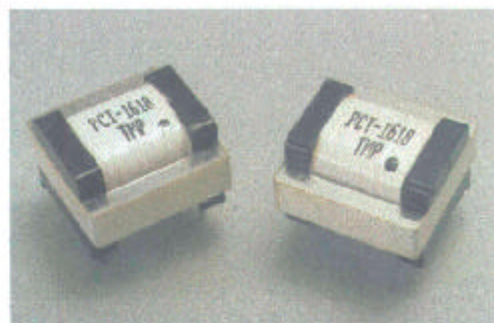


MODEM TRANSFORMER

MODEL NO. : PCT-1616/PCT-1617/PCT-1618
 Suitable for modem speeds up to : 56Kbps

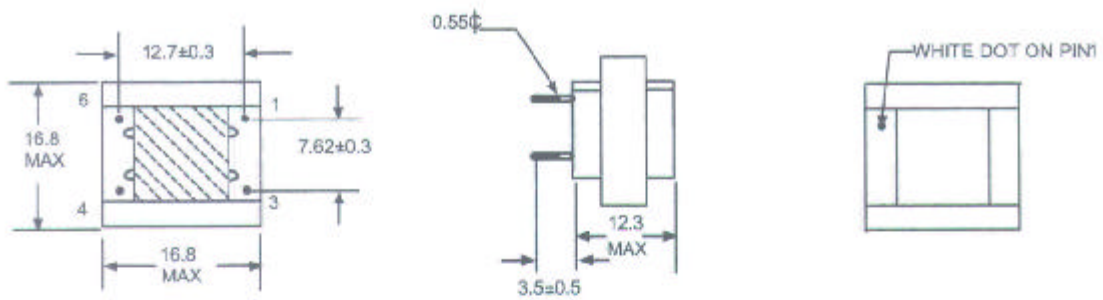


SAFETY:
 E182364 

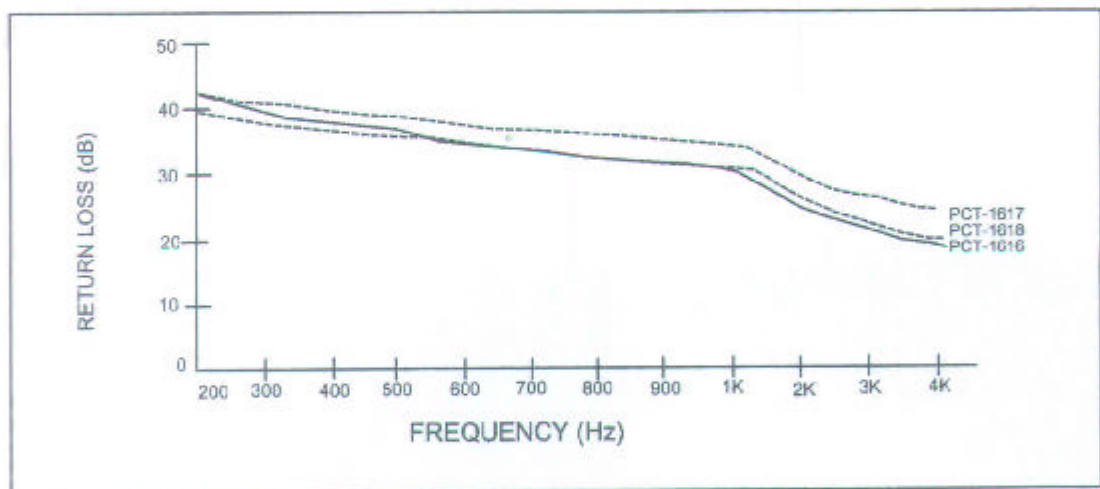
ELECTRICAL SPECIFICATION:

| MODEL NO | PCT-1616 | PCT-1617 | PCT-1618 |
|-----------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| SUITABLE FOR MODEM SPEEDS UP TO: | 56Kbps | 56Kbps | 56Kbps |
| COMPATIBLE WITH MIDCOM: | | 671-9751 | |
| IMPEDANCE RATIO (PRI : SEC) | 600Ω:301Ω | 600Ω:402Ω | 600Ω:301Ω |
| DC RESISTANCE(±10%) | PRI:150Ω SEC:150Ω | PRI:116Ω SEC:94Ω | PRI:150Ω SEC:150Ω |
| INDUCTANCE@250HZ, 1VRMS, PARALLEL | 28H MIN | 14H MIN | 35H MIN |
| TURN RATIO | 1:1 | 1:1 | 1:1 |
| INSERTION LOSS @ 1KHZ, 0dBm | 3dB±0.3dB | 2.0dB MAX | 3dB±0.3dB |
| RETURN LOSS @ 200HZ @ 1KHZ @ 4KHZ | 37dB MIN 28dB MIN 18dB MIN | 37dB MIN 30dB MIN 20dB MIN | 37dB MIN 28dB MIN 18dB MIN |
| LONGITUDINAL BALANCE @ 200HZ @ 4KHZ | 80dB MIN 80dB MIN | 70dB MIN 70dB MIN | 80dB MIN 80dB MIN |
| DC UNBALANCE CURRENT | 0mA | 0mA | 0mA |
| TOTAL HARMONIC DISTORTION(THD) @ 300HZ, -10dBm @150HZ, -3dBm | -85dB MAX -75dB MAX | -82dB MAX -75dB MAX | -86dB MAX -80dB MAX |
| FREQUENCY RESPONSE @ 200HZ~4KHZ, REF TO 1KHZ | ±0.2dB | ±0.2dB | ±0.2dB |
| HI-POT (VAC FOR 1 MINUTE) PRI : SEC | 1250 VAC | 1500 VAC | 1250 VAC |

PHYSICAL DIMENSION: (UNIT: INCH/mm)



RETURN LOSS VS FREQUENCY CURVE:



FREQUENCY RESPONSE CURVE:

