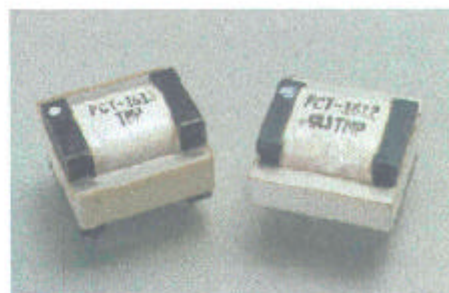


## MODEM TRANSFORMER

MODEL NO. : PCT-1612/PCT-1613/PCT-1614

Suitable for modem speeds up to : V.34

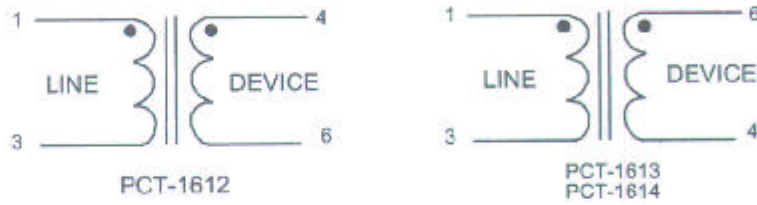
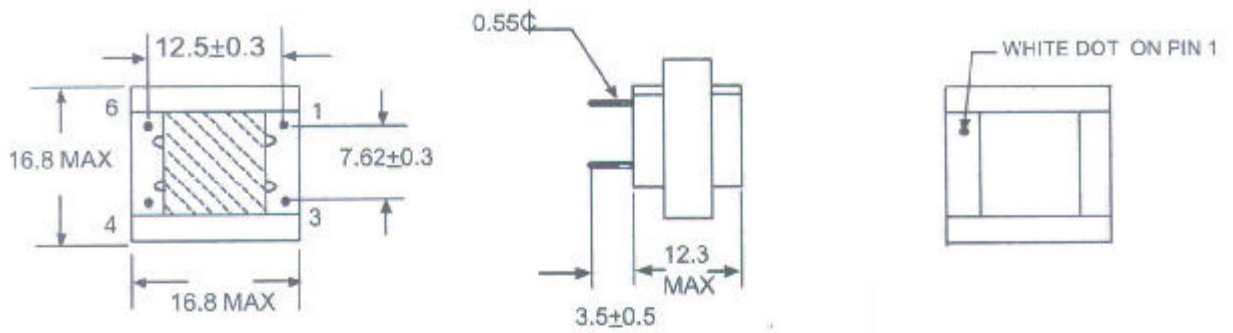
SAFETY:  
E182364 



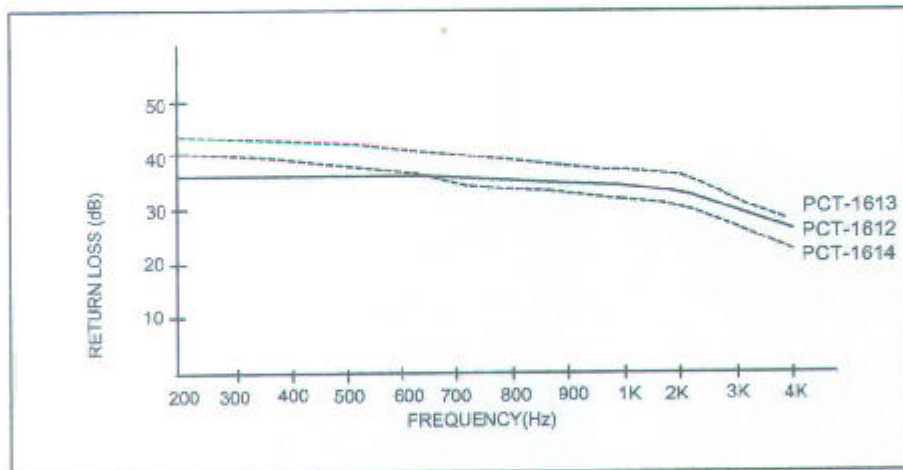
### ELECTRICAL SPECIFICATION:

MODEL NO	PCT-1612	PCT-1613	PCT-1614
SUITABLE FOR MODEM SPEEDS UP TO:	V.34	V.34	V.34
IMPEDANCE RATIO (PRI : SEC)	600Ω:432Ω	600Ω:397Ω	600Ω:301Ω
DC RESISTANCE(±10%)	PRI:80Ω SEC:100Ω	PRI:115Ω SEC:91Ω	PRI:150Ω SEC:150Ω
TURN RATIO	1:1	1:1	1:1
INSERTION LOSS @ 1KHZ, 0dBm	1.55dB MAX	2.0dB MAX	3dB±0.3dB
RETURN LOSS @ 200HZ @ 1KHZ @ 4KHZ	32dB MIN 30dB MIN 20dB MIN	38dB MIN 34dB MIN 22dB MIN	37dB MIN 28dB MIN 18dB MIN
LONGITUDINAL BALANCE @ 200HZ @ 4KHZ	70dB MIN 70dB MIN	80dB MIN 80dB MIN	80dB MIN 80dB MIN
DC UNBALANCE CURRENT	0mA	0mA	0mA
TOTAL HARMONIC DISTORTION(THD) @ 300HZ, -10dBm	-82dB MAX	-86dB MAX	-86dB MAX
FREQUENCY RESPONSE @ 200HZ~4KHZ, REF TO 1KHZ	±0.1dB	±0.2dB	±0.2dB
HI-POT (VAC FOR 1 MINUTE) PRI : SEC	3750 VAC	1250 VAC	1250 VAC

PHYSICAL DIMENSION: (UNIT: INCH/mm)



RETURN LOSS VS FREQUENCY CURVE



FREQUENCY RESPONSE CURVE

