

## MODEM TRANSFORMER

MODEL NO : PET-1823 / PET-1825  
/ PET-1826

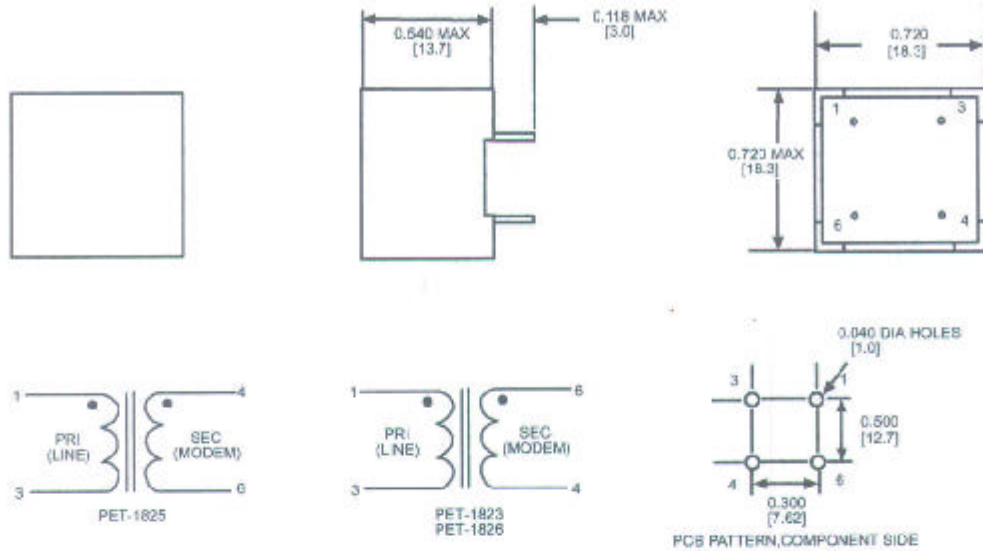
SAFETY:  
E182364 



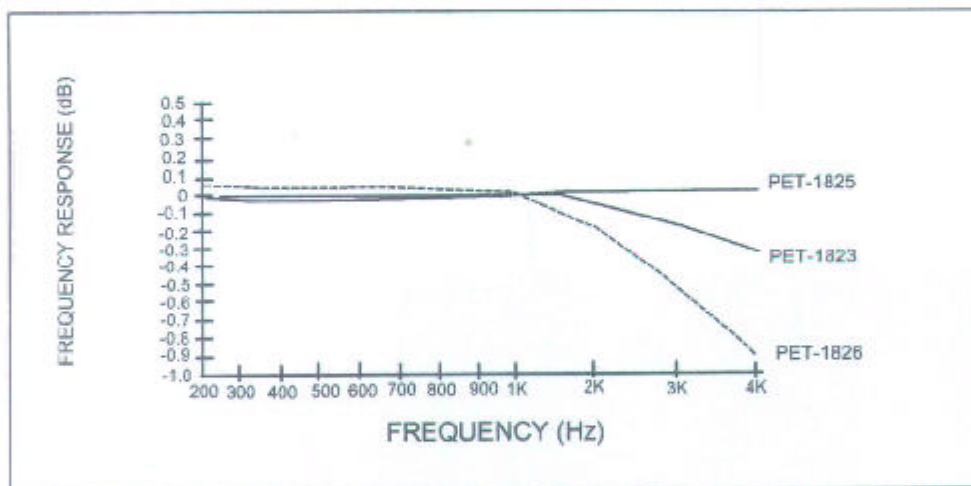
### ELECTRICAL SPECIFICATION:

MODEL NO	PET-1823	PET-1826	PET-1825
SUITABLE FOR MODEM SPEEDS UP TO:	V.32 bis	V.34	V.34 bis (33.6kbps)
COMPATIBLE WITH MIDCOM	671-8236	671-8285	
IMPEDANCE RATIO (PRI : SEC)	600Ω:560Ω	600Ω:374Ω	600Ω:422Ω
DC RESISTANCE (±10%)	PRI: 65Ω SEC: 65Ω	PRI: 108Ω SEC: 108Ω	PRI: 80Ω SEC: 100Ω
TURN RATIO	1:1	1:1	1:1
INSERTION LOSS @1KHZ, 0dBm	1.2dB MAX	2.5dB MAX	1.55dB MAX
RETURN LOSS @ 200HZ @ 1KHZ @ 4KHZ	22dB MIN 18dB MIN 9dB MIN	26dB MIN 14dB MIN 6dB MIN	37dB MIN 30dB MIN 20dB MIN
LONGITUDINAL BALANCE @ 200HZ @ 4KHZ	70dB MIN 70dB MIN	70dB MIN 70dB MIN	70dB MIN 70dB MIN
DC UNBALANCE CURRENT	0mA	0mA	0mA
TOTAL HARMONIC DISTORTION (THD) @ 300HZ, -10dBm	-76dB MAX	-82dB MAX	-86dB MAX
FREQUENCY RESPONSE @ 200HZ~4KHZ, REF TO 1KHZ	±0.35dB	+0.2 / -1.2dB	±0.08dB
HI-POT (VAC FOR 1 MINUTE) PRI : SEC	3750 VAC	3750 VAC	3750 VAC

PHYSICAL DIMENSION: UNIT: inch/ [mm]



FREQUENCY RESPONSE CURVE:



RETURN LOSS VS FREQUENCY CURVE:

