

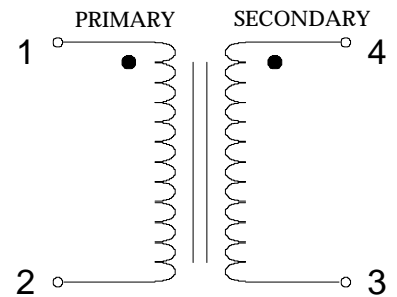
# Modem Coupling Transformer

Turns Ratio ( $\pm 3\%$ )

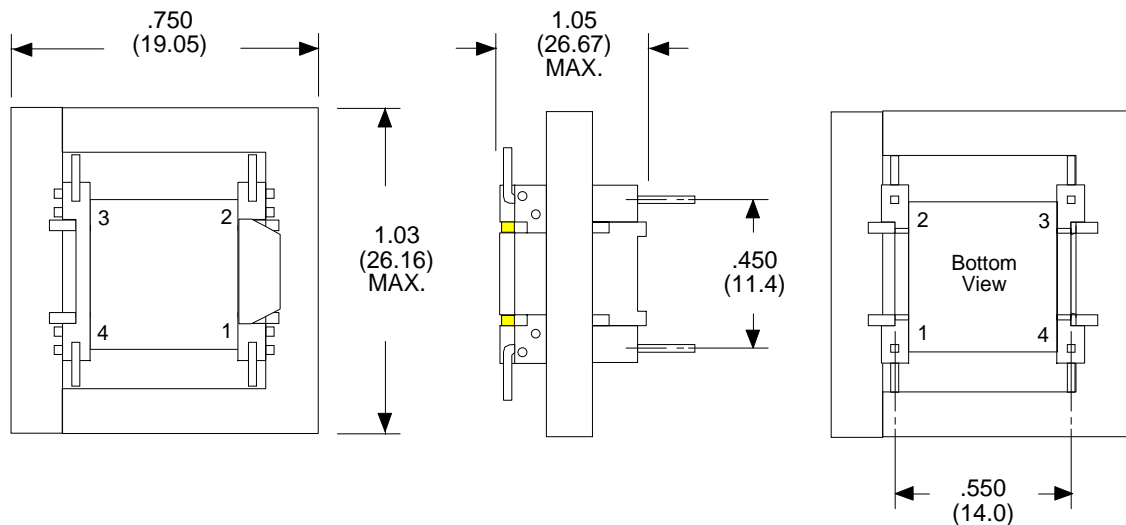
1 : 1

PARAMETER	MIN.	TYP.	MAX.	UNITS
Primary Inductance <sup>(1)</sup> Pins 1-2.	12			H
Primary DC Resistance Pins 1-2	97.2	108	118.8	ohms
Secondary DC Resistance Pins 4-3	108	120	132	ohms
Isolation (Hi-Pot)	1250			VAC
Frequency Response 200 Hz to 4 KHz	-0.25		+0.25	dB
Return Loss 300 Hz to 3000 Hz	20			dB
Longitudinal Balance: 200 to 1000 Hz 1000 to 4000 Hz	60 60			dB dB
Insertion Loss	1.75	2.0	2.25	dB
Total Harmonic Distortion at 600 Hz, -10 dBm			88.1	dB

Schematic Diagram



Physical Dimensions  
inches (mm)



Freq	-10dBm	0 dBm	+4.7 dBm
300 Hz	-83 dB	-81 dB	-77 dB
600 Hz	-86 dB	-85 dB	-84 dB

RHOMBUS P/N: T-1076

CUST P/N:

NAME:

DATE: 05/19/98

SHEET: 1 of 1