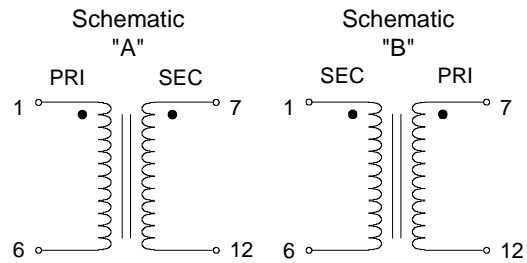


# Low Profile Modem Coupling and Voiceband Transformers

- Low Distortion
- Isolation is 1500V<sub>RMS</sub> Min.
- Designed to meet FCC part 68
- Frequency Range: 300Hz to 3500Hz
- Low Profile Package
- Custom Designs Available



Electrical Specifications at 25°C

Parameter		T-31104	T-31105	T-31106	Units
Impedance R Load	PRI.	600	600	600	$\Omega$
	SEC.	530	600	470	$\Omega$
Turns Ratio		1:1	1:1	1:1	
Direct Current in Pri. (DCI)	maximum	70	60	80	mA
DC Resistance	PRI. $\pm 10\%$	70	75	62.4	$\Omega$
	SEC. $\pm 10\%$	81	80	60.1	$\Omega$
Insertion Loss	max., ref. 1 kHz	1.3	2.0	1.3	dB
Return Loss	min., @ 300 Hz	25	20	20	dB
Longitudinal Balance	min., 200Hz to 4kHz	60	60	60	dB
Frequency Response	300 Hz to 3.5 kHz	$\pm 0.2$	$\pm 0.5$	$\pm 1.0$	dB
Isolation	minimum	1500	1500	1500	V <sub>RMS</sub>
Schematic Style		A	B	A	

Dimensions in Inches (mm)

