

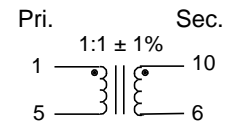
- up to V.32 (9.6 kbbs) for DBS/Set-Top, Security • and other Analog/Voice Modem Applications
- Low Harmonic Distortion • Reinforced Insulation •
- 50 mA DC Current in Primary • Low Profile •
- Operating Temperature : -40°C to +105°C •
- 3750 Vrms Isolation (for 1 second between Pri. & Sec.) •

### Electrical Parameters @ 25°

Frequency Response (dB)		Insertion Loss (dB Max.)	Return Loss (dB Min.)	Total Harmonic Distortion (dB Typ.)	Longitudinal Balance (dB Min.)	
300 Hz-600 Hz	600 Hz-4000 Hz	@ 2000 Hz	@ 1000 Hz	@ 600 Hz, -10 dBm Test Level	200 Hz-1000 Hz	1000 Hz-4000 Hz
± 6.0	± 1.0	-2.5	-8	-54	-60	-40

• **Pri. Impedance:** 600Ω Typ. @ 200 Hz - 4000 Hz w/Sec. RL = 560 Ω • **DCR:** Pri. & Sec. 70 Ω ± 10% •

### Schematic



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	---	---	.520	---	---	13.21
B	---	---	.550	---	---	13.97
C	---	---	.380	---	---	9.65
D	---	---	.400	---	---	10.16
E	.010	.015	.013	.254	.381	.330
F	---	---	.100	---	---	2.54
G	---	---	.697	---	---	17.10
H	---	---	.024	---	---	.600
I	---	---	.012	---	---	.300
J	---	---	.058	---	---	1.47
K	0°	8°	4°	0°	8°	4°
L	---	---	.075	---	---	1.00
M	---	---	.030	---	---	1.27
N	---	---	.100	---	---	2.54
P	---	---	.130	---	---	3.30
Q	---	---	.740	---	---	18.80

