Modem Transformer



EPM1029GE

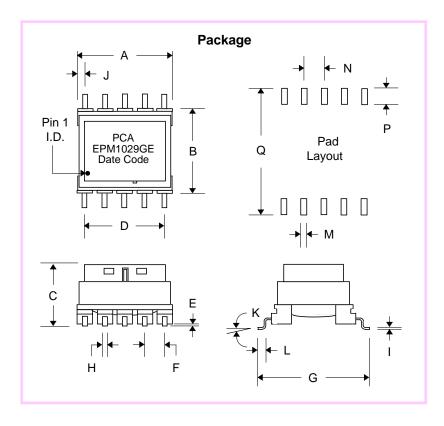


- up to V.32 (9.6 kbbs) for DBS/Set-Top, Security
 and other Analog/Voice Modem Applications
- Low Harmonic Distortion Reinforced Insulation
 - 50 mA DC Current in Primary Low Profile •
 - Operating Temperature : -40°C to +105°C •
- 3750 Vrms Isolation (for 1 second between Pri. & Sec.) •

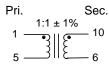
Electrical Parameters @ 25°

	uency oonse B)	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 = $560~\Omega$ • DCR: Pri. & Sec. $70~\Omega \pm 10\%$ •



Schematic



Dimensions

	(Inches)			(Milimeters)			
Dim.	Min.	Max.	Nom.	Min.	Max.	Nom.	
Α			.520			13.21	
В			.550			13.97	
С			.380			9.65	
D			.400			10.16	
E	.010	.015	.013	.254	.381	.330	
F			.100			2.54	
G			.697			17.10	
Н			.024			.600	
- 1			.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	
Р			.130			3.30	
Q			.740			18.80	