

# 56kbps Modem Transformer

## EPM1011



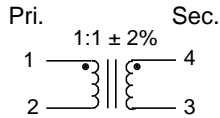
- Flat Frequency Response •
- Low Profile Package •
- 1.5K Vrms Isolation •

### Electrical Parameters @ 25° C

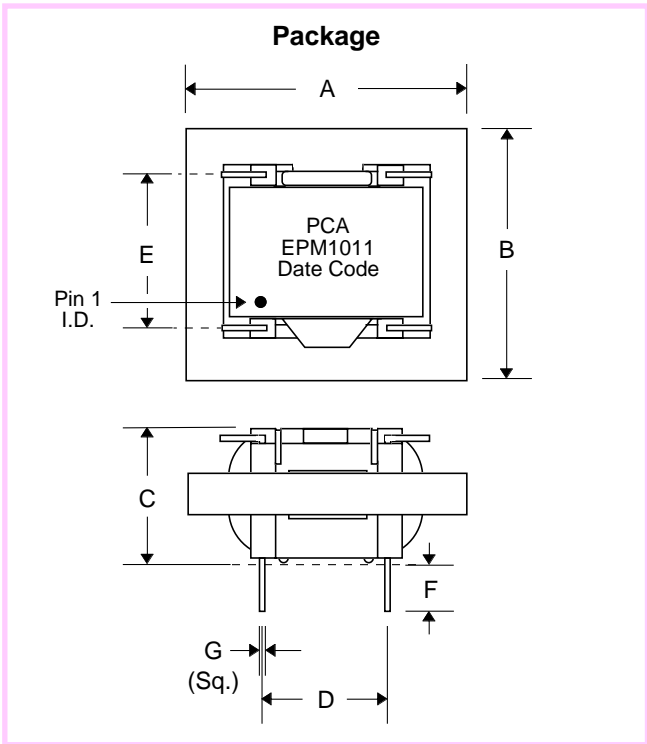
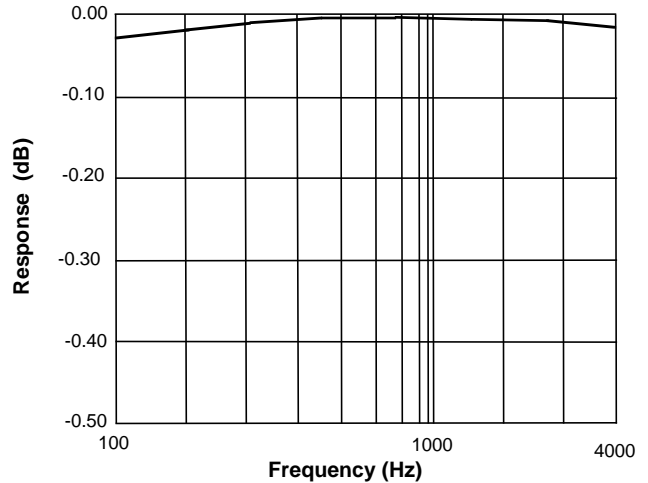
Inductance (Primary) (H Min.)	Insertion Loss (dB Max.)	Return Loss (dB Min.)		Total Harmonic Distortion (dB Typ. @ -10dBm Test Level)						Longitudinal Balance (dB Min.)		
		@300 Hz	@3 KHz	@100 Hz	@150 Hz	@200 Hz	@250 Hz	@300 Hz	@600 Hz	@200-1000 Hz	@1000-4000 Hz	
@ 200Hz, 1.0Vrms	@1000 Hz											
20	-3	-25	-18	-72	-74	-76	-78	-80	-82	-60	-40	
Pins 1-2												

• Pri. Impedance: 600Ω Typ. @200- 4000Hz w/Sec. RL =301Ω • DCR: Pri.&Sec. =150Ω ± 10% •

### Schematic



### Typical Frequency Response



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.000	1.025	1.02	25.40	26.04	25.91
B	.875	.945	.910	22.23	24.00	23.11
C	.460	.472	.466	11.68	11.99	11.84
D	---	---	.450	---	---	11.43
E	---	---	.550	---	---	13.97
F	---	---	.170	---	---	4.32
G	---	---	.025	---	---	.635