

# Discrete Line Interface Transformer

## EPB5038G



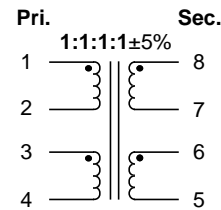
- For Home Networking Bandpass Filter •
- 2000 Vrms Minimum Isolation •
- SMD Package •

### Electrical Parameters @ 25° C

Primary OCL ( $\mu$ H Min.)	Interwinding Capacitance (pF Max.)	Leakage Inductance ( $\mu$ H Max.)	DCR ( $\Omega \pm 25\%$ )	
@ 100KHz, 0.1Vrms	@ 100KHz, 0.1Vrms	@ 100KHz, 0.1Vrms	Pri.	Sec.
120	6	2.0	.25	.25
Pins 1-4 with Pins 2-3 Shorted	Pri. Wdgs to Sec. Wdgs	Pins 1-4 with Pins 2-3, 7-6, 8-5 Shorted	Pins 1-4 with Pins 2-3 Shorted	Pins 8-5 with Pins 7-6 Shorted

- Hipot : 2000 Vrms for 1 Min. or 2500 Vrms for 1 Sec. •

### Schematic



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.460	.480	.470	11.68	12.19	11.94
B	.430	.450	.440	10.92	11.43	11.18
C	.330	.350	.340	8.38	8.89	8.64
D	---	---	.300	---	---	7.62
E	.010	.015	.013	.254	.381	.330
F	---	---	.100	---	---	2.54
G	.560	.580	.570	14.22	14.73	14.48
H	.018	.022	.020	.457	.559	.508
I	.008	.012	.010	.203	.305	.254
J	---	---	.085	---	---	2.16
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.090	---	---	2.29
Q	---	---	.620	---	---	15.75

### Package

