

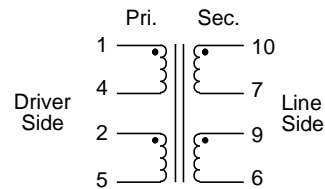
- Designed to meet Supplementary Insulation Requirement • of IEC950 for 250 VAC Working Voltage
- Excellent THD Characteristic •
- Isolation : 2000Vrms •

Electrical Parameters @ 25° C

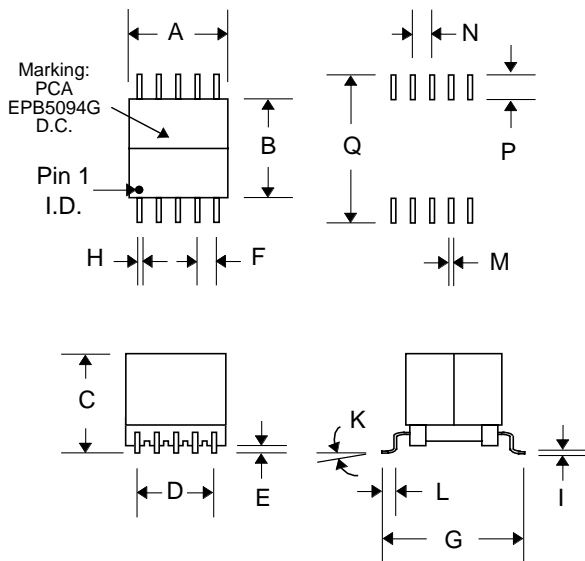
Pri. OCL ($\mu\text{H} \pm 10\%$)	Sec. OCL ($\mu\text{H} \pm 10\%$)	Leakage Inductance (μH Max.)		Interwinding Capacitance (pF Max.)		Insertion Loss (dB Max.)	Total Harmonic Distortion (dB Max.)	Longitudinal Balance (dB Min.)	Turns Ratio (Pri.:Sec. $\pm 1\%$)	
@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms		@ 100 KHz, 0.1 Vrms		35 KHz to 1.0 MHz	@ 100 KHz, 15 V p-p	35 KHz to 650 KHz		
27.5	437	1	4	20		-0.5	-90	-60	1:4	1:2
Pins 1-4	Pins 10-6 w/ 7, 9 shorted	Pins 1-4 w/ 2-5 open, 6,7,9,10 shorted	Pins 2-5 w/ 1-4 open, 6,7,9,10 shorted	Pins 1-4 to 10-6 w/ 7, 9 shorted	Pins 2-5 to 10-6 w/ 7, 9 shorted	Pins 10-6 to 1-5 w/ 7, 9 & 4, 2 shorted	Pins 10-6 w/ 7, 9 shorted	Pins 1-4 to 10-6 w/ 7, 9 shorted	1-4:10-6 w/ 7, 9 shorted	2-5:10-6 w/ 7, 9 shorted

- Secondary Wdg. Impedance : 100 Ω • DCR : 0.5 Ω @ Pins 1-4, 1.0 Ω @ Pins 2-5, 2.0 Ω @ Pins 10-6 w/ 7, 9 shorted •
- DC Unbalanced Current : 2.0 mA @ Pins 1-5 w/ 2, 4 shorted •

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.490	.530	.512	12.45	13.46	13.00
B	.506	.516	.510	12.85	13.11	12.95
C	.460	.480	.470	11.68	12.19	11.94
D	.395	.405	.400	10.03	10.29	10.16
E	.005	.015	.010	.127	.381	.254
F	.095	.105	.100	2.41	2.67	2.54
G	.665	.675	.670	16.89	17.15	17.02
H	.026	.030	.028	.660	.762	.711
I	.010	.014	.012	.254	.356	.305
K	0°	8°	---	0°	8°	---
L	.029	.049	.039	.737	1.25	.991
M	---	---	.051	---	---	1.29
N	---	---	.098	---	---	.249
P	---	---	.100	---	---	2.54
Q	---	---	.700	---	---	17.78