

ADSL Transformer

EPD1013

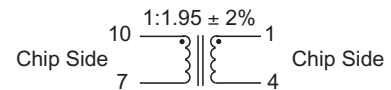
- Designed for ADSL Applications •
- Designed to meet Supplementary Insulation Requirements •
of UL1950 / IEU-950
- Excellent THD Characteristic •
- Isolation : 1500Vrms (for 1 minute) •
- Temperature Class : 105°C •

Electrical Parameters @ 25°C

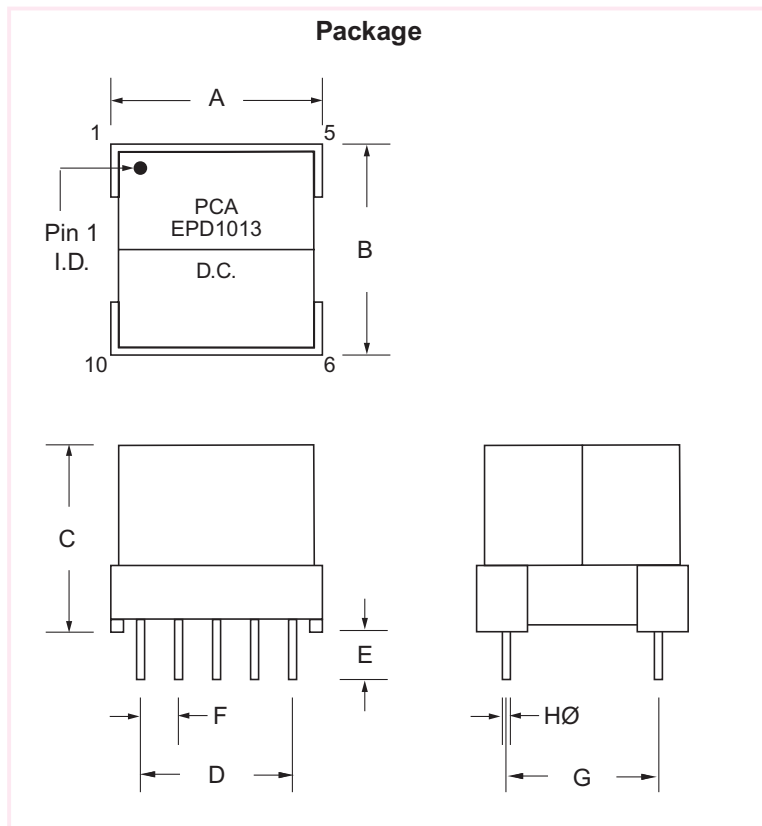
OCL (mH ± 5%)	Leakage Inductance (uH Typ.)	Interwinding Capacitance (pF Typ.)	Total Harmonic Distortion (dB Typ.)	Longitude Balance (dB Min.)	DCR (Ω Max.)	
					Line Side	Chip Side
@ 10 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	@ 100 KHz, 15 Vp-p	@ 100 KHz	Line Side	Chip Side
1.5	15	35	-80	60	2.0	0.55
Pins 1-4	Pins 1-4 w/ 10-7 shorted	Pins 1-4 to Pins 10-7	---	---	Pins 1-4	Pins 10-7

- Characteristic Line Side Impedance : 100Ω •

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	---	.550	.520	---	13.97	13.20
B	---	.550	.520	---	13.97	13.20
C	---	.500	.490	---	12.70	12.44
D	---	---	.400	---	---	10.16
E	.100	.160	.130	2.54	4.06	3.30
F	---	---	.100	---	---	2.54
G	---	---	.400	---	---	10.16
H	---	---	.020	---	---	.508