

ADSL Transformer

EPD1006

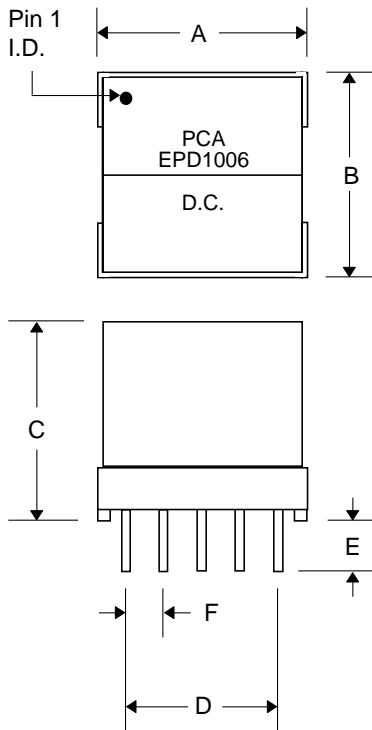
- Design for use with Alcatel's •
MTK-20140-1,20150 & 20450 IC Chip
- Designed to meet Supplementary Insulation Requirement •
of IEC950 for 250 VAC working Voltage
- Excellent THD Characteristic •
- Isolation : 2000Vrms •

Electrical Parameters @ 25° C

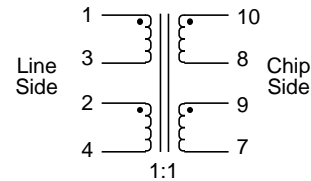
Pri. OCL ($\mu\text{H} \pm 5\%$)	Leakage Inductance (μH Max.)	Interwinding Capacitance (pF Max.)	Total Harmonic Distortion (dB Typ.)	Longitudinal Balance (dB Min.)	DCR (Max.)	
					Pri.	Sec.
@ 10 KHz , 0.1 Vrms	@ 100 KHz, 0.1 Vrms	@ 10 KHz, 1.0 Vrms	@100 KHz, 27.5 dBm	20 KHz~1.1 MHz	Pri.	Sec.
470	10	30	-85	-40	1.2	1.2
Pins 1-4 with 2-3 shorted	Pins 1-4 w/2 & 3, 10-7 & 8 & 9 shorted				Pins 1-4	Pins 10-7

• Characteristics Impedance : 100 •

Package



Schematic



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