

EPB5033

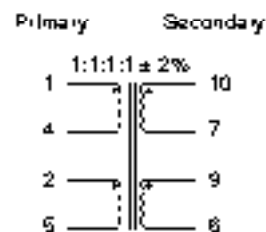


- Optimized for Alcatel MTK-20131 •
- Excellent THD performance •
- 2000 Vrms Isolation •
- Operating Temperature -40°C to +85°C •

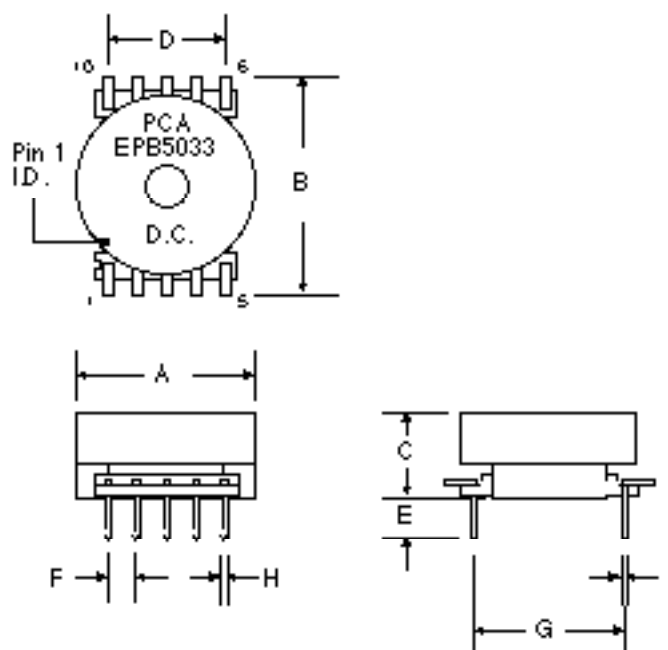
Electrical Parameters @ 25°C

Inductance Chip Side ($\mu\text{H} \pm 5\%$)	Leakage Inductance (μH Max.)	Insertion Loss (dB Max.)	THD (dB Max.)	Primary DCR (Ω Max.)	Secondary DCR (Ω Max.)
Pins 1-5 w/ 2-4 shorted		@ 40 KHz - 2 MHz	@ 40 KHz	Pins 1-4 & 2-5	Pins 9-8 & 10-7
440	15	-3	-70	.16	1.2

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	--	.960	.920	--	24.13	23.37
B	--	1.05	1.01	--	26.67	25.86
C	--	.500	.449	--	12.70	11.19
D	.595	.605	.600	15.11	15.37	15.24
E	.160	--	.195	3.91	--	4.95
F	.145	.195	.190	3.69	3.94	3.91
G	.795	.805	.800	20.20	20.46	20.32
H	--	--	.042	--	--	1.07
I	--	--	.015	--	--	.391