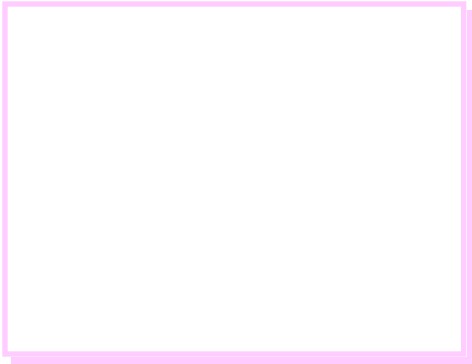


## EPB5050



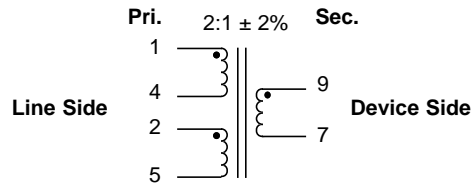
- Matched to Brooktrees's BT8921 & BT8970 •  
and Rockwell's RS8973
- 1168 Kbps Application •
- 1500 Vrms Isolation •
- 160 mA DC Current •
- Temperature Range -40°C to +85°C •

### Electrical Parameters @ 25° C

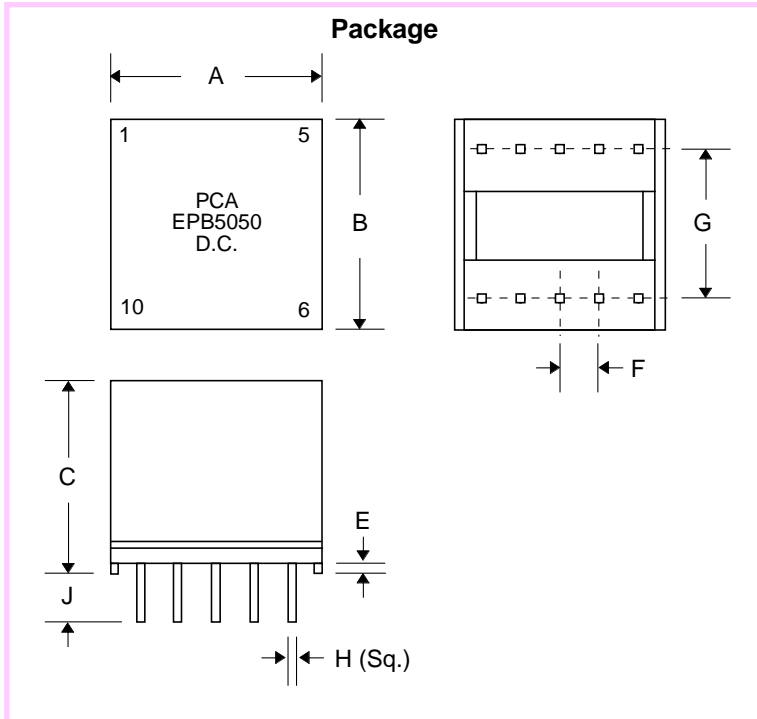
Inductance (mH ± 10%)	Leakage Inductance (µH Max.)	Insertion Loss (dB Typ.)	Return Loss (dB Min.)	Frequency Response (dB Typ.)	Longitudinal Balance (dB Min.)	THD (dB Typ.)	DCR (Ω Max.)	
							Pri.	Sec.
@ 10 KHz 0.1 Vrms	@ 100 KHz 0.1 Vrms	40-300 KHz	40-300 KHz	40-300 KHz	40-300 KHz	@ 36 KHz		
2.0	11	-0.4	-16	0.4	-50	-70	2.5	1.0
Pins 1-5 with 4,2 Shorted	Pins 1-5 with 4,2 & 9,7 Shorted						Pins 1-5 w/ 4,2 shorted	Pins 9-7

• Line Side Impedance : 135 Ω

### Schematic



### Package



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.490	.530	.515	12.45	13.46	13.08
B	.510	.530	.520	12.95	13.46	13.21
C	.480	.500	.490	12.19	12.70	12.45
E	.029	.049	.039	.737	1.24	.991
F	.090	.110	.100	2.29	2.79	2.54
G	.390	.410	.400	9.91	10.41	10.16
H	.015	.025	.020	.381	.635	.508
J	.150	---	.215	3.81	---	5.46