

EPA045-X

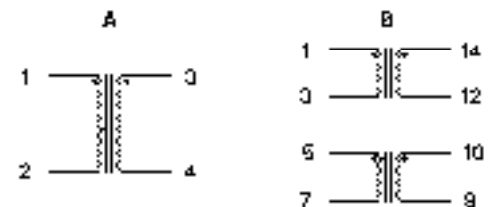
- Designed for Hub and Node Applications •
- Hipot 2000 Vrms •
- Meets the high-Reliability Specs of IEEE 802.3 Standard (Type 1 Base 5) •
- Available in Single and Dual Low Profile Packages •

Electrical Parameters @ 25°C

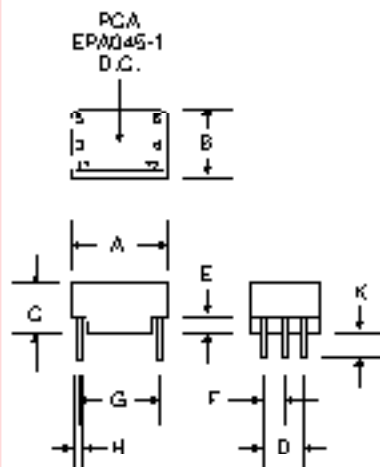
PCA Part Number	OCL (mH $\pm 20\%$)	Interwinding Capacitance (pF Max.)	Leakage Inductance (μ H Max.)	Turns Ratio ($\pm 5\%$)	DCR (Ω Max.)		Package & Schematic
EPA045-1	2.5	25	9	1:1	1.0	1.0	A
EPA045-2	2.5	25	9	1:1	1.0	1.0	B
EPA045-3	2.5	40	1.0	1:1	1.0	1.0	A

• Pulse Inductance measured at 1V and PW of 0 μ S at PRR of 1 mS • Hipot measured between Pri. & Sec. and also from Coll to Coll in Dual package •

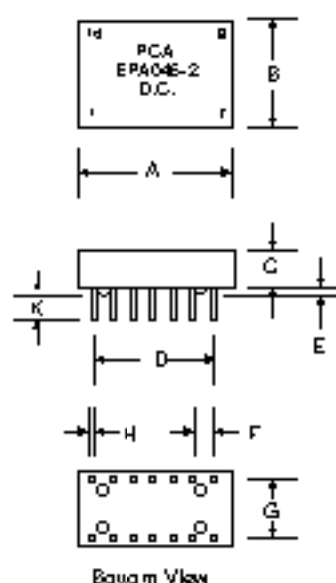
Schematics



Package A



Package B



Package A Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.490	.500	.490	12.19	12.70	12.45
B	.300	.390	.340	8.38	9.99	8.64
C	.200	.290	.240	5.94	8.35	6.10
D	--	--	.200	--	--	15.24
E	.070	.090	.090	8.35	9.99	7.62
G	--	--	.400	--	--	10.16
H	.019	.022	.020	.457	.560	.509
K	.119	.122	.120	2.92	3.19	3.05

Package B Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.790	.800	.790	19.91	20.32	20.07
B	.385	.395	.375	9.27	9.79	9.53
C	.200	.290	.240	5.94	8.35	6.10
D	--	--	.800	--	--	15.24
E	.010	.020	.015	.254	.509	.391
F	--	--	.100	--	--	2.54
G	--	--	.300	--	--	7.62
H	.019	.022	.020	.457	.560	.509
K	.115	.125	.120	2.92	3.19	3.05