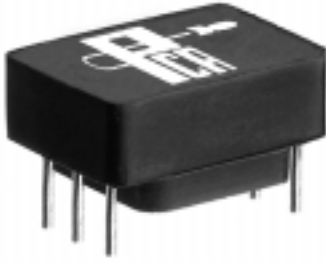


T1/CEPT/ISDN-PRI Interface Transformers

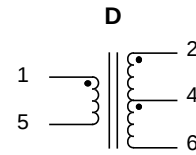
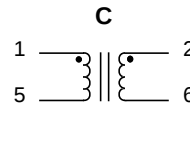
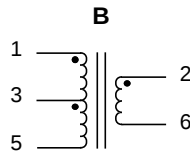
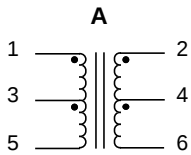


- Optimized for Leading Transceiver I.C.'s •
- Meets or exceeds UL1459, UL1950 & EN60950 Standards •
- 1500 Vrms Isolation •
- See Selection Guide for I.C. Cross Reference •

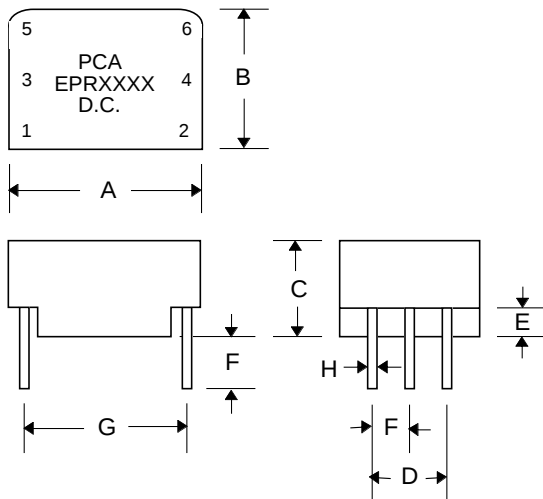
Electrical Parameters @ 25° C

Part Number	Turns Ratio	OCL (mH Min.)	Cw/w (pF Max.)	LI (μH Max.)	Pri. DCR (Ω Max.)	Sec. DCR (Ω Max.)	Schematic
EPR1001	1CT:1CT	1.2	25	0.5	0.7	0.7	A
EPR1002	1:2CT	1.2	40	0.5	0.7	1.3	B
EPR1003	1:1.15	1.5	35	0.6	0.7	0.9	C
EPR1004	1:1.36CT	1.2	35	0.8	0.7	0.9	D
EPR1005	1:1.26	1.5	40	0.4	0.7	0.9	B
EPR1006	1:3CT	1.2	60	0.8	0.9	2.7	D
EPR1007	1:4CT	0.5	40	0.5	0.7	1.5	D
EPR1008	1CT:2CT	1.2	30	0.5	0.7	1.2	A
EPR1009	1:2.3CT	1.2	35	0.8	0.7	1.4	D
EPR1010	1:1.5CT	1.2	30	0.6	0.7	1.0	B

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.480	.500	.490	12.19	12.70	12.45
B	.340	.360	.350	8.64	9.14	8.89
C	.230	.250	.240	5.84	6.35	6.10
D	---	---	.200	---	---	5.08
E	.075	.085	.080	1.90	2.16	2.03
F	---	---	.100	---	---	2.54
G	.395	.405	.400	10.30	10.29	10.16
H	.017	.023	.020	.412	.584	.508
I	.120	.140	.130	3.05	.356	3.30