

T1/CEPT/ISDN-PRI Interface Transformers

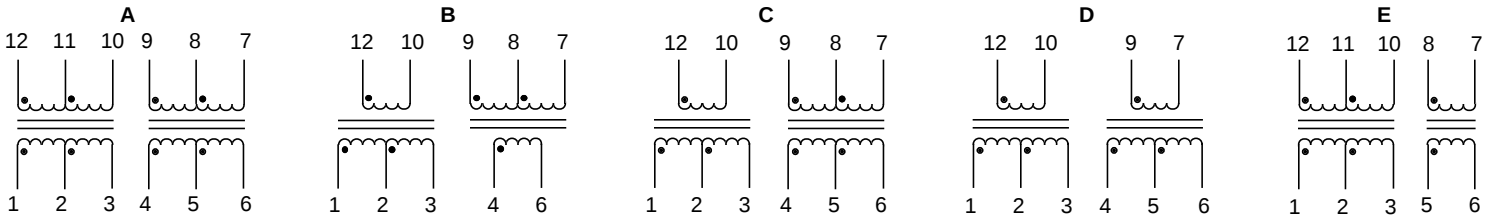


- Optimized for Leading Transceiver I.C.'s •
- Meets or exceeds UL1459 & IEC950 Standards •
- 2000 Vrms Isolation •
- See Selection Guide for I.C. Cross Reference •

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.)	Primary Pins	Schematic
EPR1051G	1CT:2CT/1CT:2CT	1.2 / 1.2	50 / 50	0.8 / 0.8	1.0 / 1.0	1.7 / 1.7	12,10 / 4,6	A
EPR1052G	1CT1CT/1CT:1CT	1.2 / 1.2	50 / 50	0.8 / 0.8	1.0 / 1.0	1.0 / 1.0	1,3 / 4,6	A
EPR1053G	1CT:1.15CT/1CT:1.15CT	1.2 / 1.2	50 / 50	0.8 / 0.8	1.0 / 1.0	1.4 / 1.4	1,3 / 4,6	A
EPR1054G	1CT:1CT/1CT:2CT	1.2 / 1.2	50 / 50	0.8 / 0.8	1.0 / 1.0	1.0 / 1.8	1,3 / 4,6	A
EPR1055G	1CT:1.15CT/1CT:1CT	1.6 / 1.6	50 / 50	0.8 / 0.8	1.2 / 1.2	1.4 / 1.2	12,10 / 4,6	A
EPR1056G	1CT:1.36CT/1CT:1.36CT	1.2 / 1.2	60 / 60	0.8 / 0.8	1.2 / 1.2	1.4 / 1.4	1,3 / 4,6	A
EPR1057G	1CT:1.41CT/1CT:1.41CT	1.2 / 1.2	50 / 50	0.8 / 0.8	1.0 / 1.0	1.4 / 1.4	12,10 / 9,7	A
EPR1058G	1:1/1.26/1:2CT	1.2 / 1.2	50 / 60	0.8 / 0.8	1.0 / 1.0	1.2 / 1.2	12,10 / 4,6	B
EPR1059G	1:1.15CT/1CT:2CT	1.5 / 1.2	50 / 60	0.8 / 0.8	1.0 / 1.0	1.7 / 2.0	12,10 / 4,6	C
EPR1060G	1:1/1.26/1:1/1.26	1.5 / 1.5	50 / 50	0.8 / 0.8	1.0 / 1.0	1.2 / 1.2	12,10 / 9,7	D
EPR1061G	1CT:2CT/1:1	1.2 / 1.2	50 / 50	0.8 / 0.8	1.2 / 1.2	2.0 / 1.2	1,3 / 5,6	E
EPR1062G	1CT:1/1:1.36CT	0.7 / 0.7	20 / 20	0.7 / 0.7	0.25 / 0.5	0.4 / 0.8	1,3 / 9,7	D

Schematic



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.660	.680	.670	16.76	17.27	17.02
B	.430	.450	.440	10.92	11.43	11.18
C	.320	.340	.330	8.13	8.64	8.39
D	---	---	.500	---	---	12.70
E	.010	.015	.0125	.254	.381	.318
F	---	---	.100	---	---	2.54
G	.540	.560	.550	13.72	12.22	13.97
H	.018	.022	.020	.457	.559	.508
I	.008	.012	.010	.203	.305	.254
J	---	---	.085	---	---	2.16
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.085	---	---	2.16
Q	---	---	.610	---	---	15.50

