

T1/CEPT/ISDN-PRI Interface Transformers

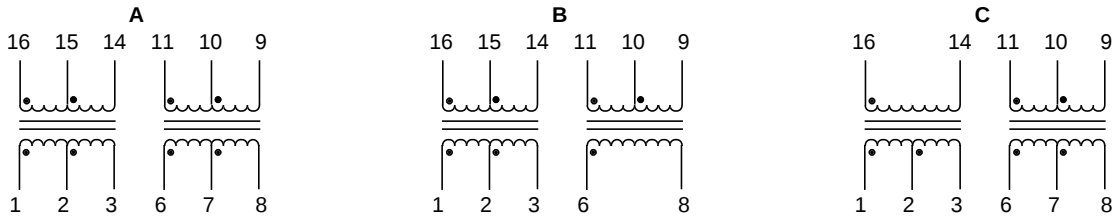


- Dual Surface Mount in small (SOIC) package •
- Optimized for Leading Transceiver I.C.'s •
- Meets or exceeds UL1459, UL1950 & EN60950 Standards •
- 1500 Vrms Isolation •
- See Selection Guide for I.C. Cross Reference •

Electrical Parameters @ 25° C

Part Number	Turns Ratio	OC/L (mH Min.)	Cw/w (pF Max.)	LI (μH Max.)	Pri. DCR (Ω Max.)	Sec. DCR (Ω Max.)	Primary Pins	Schematic
EPR1076S	1CT:1CT/1CT:1.36CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.0 / 1.0	1,3 / 6,8	A
EPR1077S	1CT:1CT/1CT:1.5CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.7 / 1.0	16,14 / 6,8	A
EPR1078S	1CT:2CT/1CT:2CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.4 / 1.4	16,14 / 6,8	A
EPR1079S	1CT:2CT/1:1.36CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.0 / 0.8	16,14 / 6,8	B
EPR1080S	1:1.15CT/1CT:2CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.7 / 1.0	16,14 / 6,8	C
EPR1081S	1CT:1.15CT/1CT:1.15CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.8 / 0.8	1,3 / 6,8	A
EPR1082S	1CT:1CT/1CT:2CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	0.7 / 1.0	16,14 / 6,8	A
EPR1083S	1CT:1.41CT/1CT:1.41CT	1.0 / 1.0	30 / 30	0.6 / 0.6	0.7 / 0.7	0.9 / 0.9	1,3 / 11,9	A
EPR1084S	1CT:1.5CT/1CT:1.5CT	1.5 / 1.5	40 / 40	0.8 / 0.8	0.7 / 0.7	0.9 / 0.9	1,3 / 6,8	A
EPR1085S	1CT:2CT/1CT:2.3CT	1.2 / 1.2	30 / 30	0.8 / 0.8	0.9 / 0.9	1.3 / 1.3	6,8 / 14,16	A
EPR1086S	2CT:1/1.26/2CT:1/1.26	1.5 / 1.5	40 / 40	0.5 / 0.5	0.7 / 0.7	1.0 / 1.0	1,3 / 6,8	A
EPR1089S	1CT:1.36CT/1CT:1CT	1.2 / 1.2	30 / 30	0.6 / 0.6	0.7 / 0.7	1.0 / 1.0	1,3 / 6,8	A

Schematic



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.490	.510	.500	12.45	12.95	12.70
B	.260	.280	.270	6.60	7.11	6.86
C	.230	.250	.240	5.84	6.35	6.10
D	---	---	.350	---	---	8.89
E	.005	.015	.010	.127	.381	.254
F	---	---	.050	---	---	1.27
G	.370	.390	.380	9.40	9.91	9.65
H	.018	.022	.020	.457	.559	.508
I	.008	.012	.010	.203	.305	.254
J	---	---	.075	---	---	1.90
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.050	---	---	1.27
P	---	---	.085	---	---	2.16
Q	---	---	.440	---	---	11.18

