

ISDN-S Interface Dual Transformers

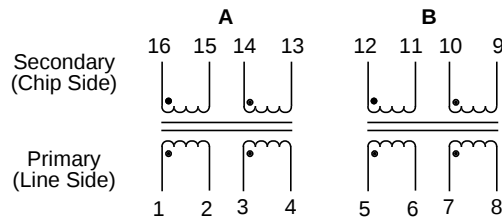


- Optimized for Leading Transceiver I.C.'s •
- Meets CCITT 1.430 Four Wire "S" Interface •
- Meets or exceeds UL1459, UL1950 & EN60950 Standards •
- 2000 Vrms Isolation •
- See Selection Guide for I.C. Cross Reference •

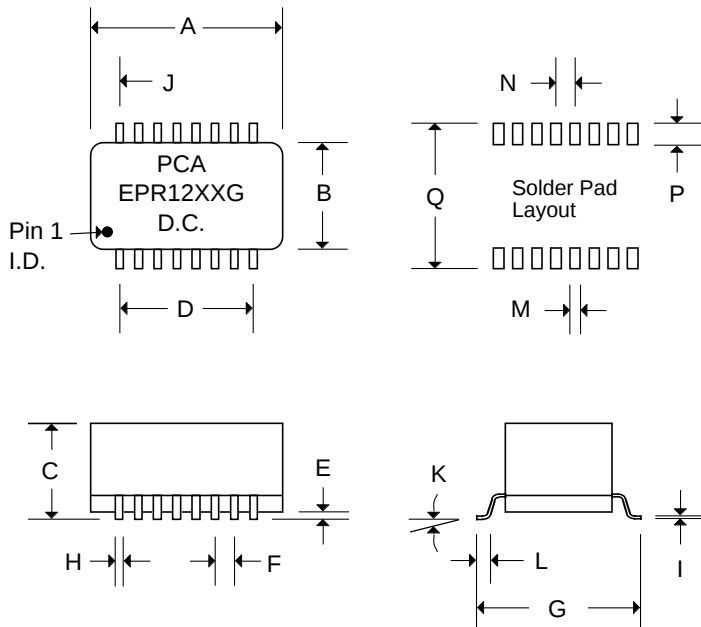
Electrical Parameters @ 25° C

Part Number	Turns Ratio	OCL (mH Min.)	Cw/w (pF Max.)	LI (μH Max.)	Pri. DCR (Ω Max.)	Sec. DCR (Ω Max.)	Primary Pins
EPR1251G	1:1 / 1:1	22 / 22	100 / 100	5 / 5	2.4 / 2.4	2.4 / 2.4	1,4 / 5,8
EPR1252G	1:1 / 1:2	22 / 22	100 / 100	5 / 15	2.4 / 2.4	2.4 / 4.0	1,4 / 5,8
EPR1253G	1:2 / 1:2	22 / 22	100 / 100	15 / 15	2.5 / 2.5	4.0 / 4.0	1,4 / 5,8
EPR1254G	1:2.5 / 1:2.5	22 / 22	100 / 100	35 / 35	2.5 / 2.5	6.0 / 6.0	1,4 / 5,8

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.930	.950	.940	23.62	24.14	23.88
B	.570	.590	.580	14.48	14.99	14.73
C	.280	.300	.290	7.11	7.62	7.37
D	---	---	.700	---	---	17.78
E	.005	.015	.010	.127	.381	.254
F	---	---	.100	---	---	2.54
G	.680	.700	.550	17.28	17.78	17.53
H	.018	.022	.020	.457	.559	.508
I	.008	.012	.010	.203	.305	.254
J	---	---	.120	---	---	3.05
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	---	---	.750	---	---	19.05