

T1/E1/CEPT/ISDN-PRI Interface Transformers

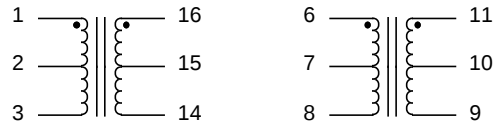


- Optimized for Leading Transceiver I.C.'s •
- Meets or exceeds EN60950, CS950, AS3260 •
and IEC950 Standards
- 3000 Vrms Isolation •
- See Selection Guide for I.C. Cross Reference •

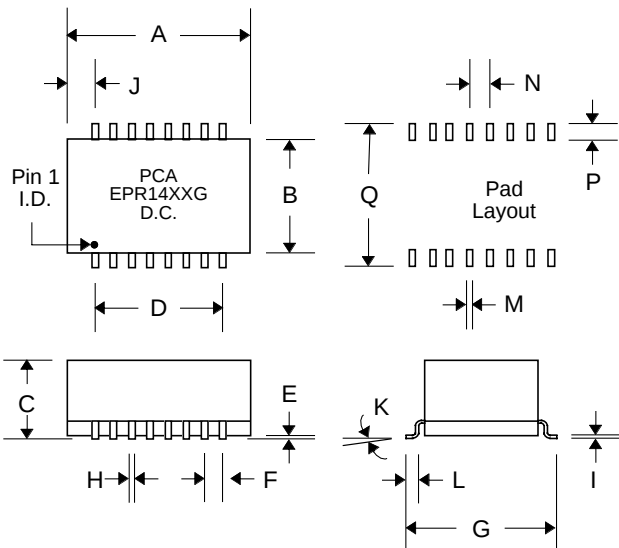
Electrical Parameters @ 25° C

Part Number	Turns Ratio	OCL (mH Min.)	Cw/w (pF Max.)	Pri. DCR (Ω Max.)	Sec. DCR (Ω Max.)	Primary Pins
EPR1401G	1CT:1CT/1CT:1CT	1.2 / 1.2	15 / 15	1.0 / 1.0	1.0 / 1.0	1-3/6-8
EPR1402G	1CT:1CT/1CT:2CT	1.2 / 1.2	15 / 15	1.0 / 1.0	1.0 / 1.7	1-3/6-8
EPR1403G	1CT:1.15CT/1CT:1CT	1.6 / 1.6	15 / 15	1.1 / 1.0	1.1 / 0.9	16-14/6-8
EPR1404G	1CT:1.15CT/1CT:2CT	1.5 / 1.2	15 / 15	1.1 / 1.0	1.2 / 1.7	16-14/6-8
EPR1405G	1CT:1CT/1CT:1.36CT	1.2 / 1.2	15 / 15	1.0 / 1.0	0.9 / 1.2	1-3/6-8
EPR1406G	1CT:1.36CT/1CT:1.36CT	1.2 / 1.2	15 / 15	1.0 / 1.0	1.2 / 1.2	1-3/6-8
EPR1407G	1CT:1.41CT/1CT:1.41CT	1.2 / 1.2	15 / 15	1.1 / 1.1	1.35 / 1.35	16-14/11-9
EPR1408G	1CT:2CT/1CT:1.41CT	1.2 / 1.2	15 / 15	1.0 / 1.25	1.7 / 1.35	16-14/6-8
EPR1409G	1CT:2CT/1CT:1.36CT	1.2 / 1.2	15 / 15	1.0 / 1.0	1.65 / 1.15	16-14/6-8
EPR1410G	1CT:2CT:1CT:2CT	1.2 / 1.2	15 / 15	1.0 / 1.0	1.7 / 1.7	16-14/6-8
EPR1411G	1CT:2.3CT:1CT:2CT	1.2 / 1.2	15 / 15	1.0 / 1.1	2.0 / 1.8	16-14/6-8

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.940	.960	.950	23.88	24.38	24.13
B	.580	.600	.590	14.73	15.24	14.99
C	.385	.405	.395	9.78	10.29	10.03
D	---	---	.700	---	---	17.78
E	.010	.020	.015	.254	.508	.381
F	.095	.105	.100	2.41	2.67	2.54
G	.735	.755	.745	18.67	19.18	18.92
H	.016	.022	.019	.406	.559	.483
I	.008	.012	.010	.203	.305	.254
J	---	---	.125	---	---	3.18
K	0°	8°	---	0°	8°	---
L	.030	.050	.040	.762	1.27	1.02
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.075	---	---	1.91
Q	---	---	.790	---	---	20.07