

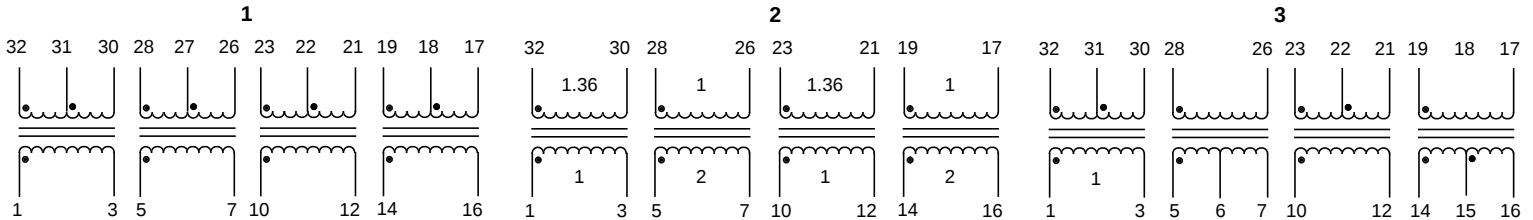
T1/E1/CEPT/ISDN-PRI Quad Port Interface Transformers

- Quad Transformers Supports Two T1/E1 Ports •
- Models Match to Leading Quad and Dual T1/E1/CEPT Transceivers •
- Robust construction allows IR/VP reflow process •
 - Recognized by UL1459 and UL1950 •
 - Isolation : 1500 •
- Operating Temperature : 0°C to 70°C •

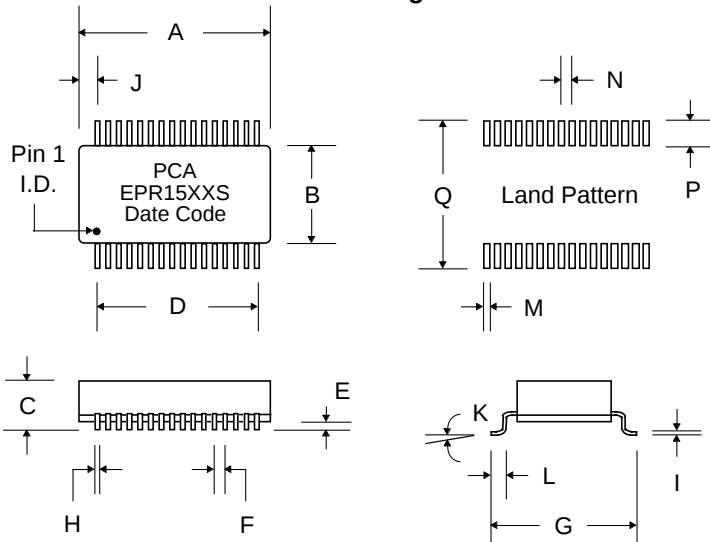
Electrical Parameters @ 25° C

Part Number	Turns Ratio A,B (Pri : Sec ± 2%)	OCL@25 (mH Min.)	LL (uH Max.)	CW/W (pF Max.)	DCR Pri. (Max.)	DCR Sec. (Max.)	Schematic	Primary Pins
EPR1511S	1:1.36/1	1.2	0.40	30	0.7	1.0	1	1-3,5-7,10-12,14-16
EPR1512S	1:1.58/1.266	1.2	0.50	24	0.6	0.8	1	1-3,5-7,10-12,14-16
EPR1513S	1:2CT	1.2	0.35	30	0.6	1.0	1	1-3,5-7,10-12,14-16
EPR1514S	1:1.15CT	1.2	0.70	23	0.6	0.8	1	1-3,5-7,10-12,14-16
EPR1515S	1:1.36 and 1:2	1.2	0.80	35	0.6	1.0	2	1-3,10-12,19-17,28-26
EPR1516S	1:1.265/1	1.2	0.80	35	0.6	0.8	1	1-3,5-7,10-12,14-16
EPR1517S	1:1.36CT	1.2	0.50	30	0.6	0.8	1	1-3,5-7,10-12,14-16
EPR1518S	1:2/1.15	1.2	0.40	30	0.6	1.0	1	1-3,5-7,10-12,14-16
EPR1519S	1:2.3/2	1.2	0.80	35	0.6	1.1	3	1-3,28-26,10-12,19-17

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.980	1.00	.990	24.89	25.4	25.14
B	.300	.320	.310	7.62	8.13	7.87
C	.280	.300	.290	7.11	7.62	7.36
D	---	---	.750	---	---	19.05
E	.005	.015	.010	.127	.381	.254
F	---	---	.050	---	---	1.27
G	.410	.430	.420	10.41	10.92	10.67
H	.018	.022	.020	.457	.559	.508
I	---	---	.010	---	---	.254
J	---	---	.125	---	---	3.18
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.050	---	---	1.27
P	---	---	.085	---	---	2.16
Q	---	---	.480	---	---	12.19