

# T1/ E1 Quad Port Transformer

## EPR1502S

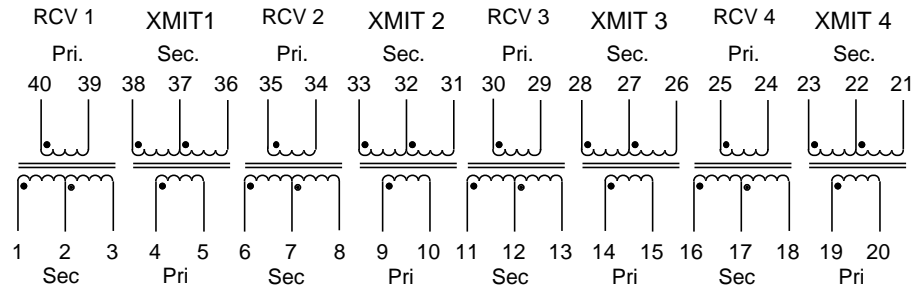


- Design to work with Crystal 61574/ 35A / 84 •  
Exar T5650, C240 & Level One LXT317 / 318
- Minimized Crosstalk •
- Robust construction allows for IR/VP reflow processes •
- 1500 Vrms Isolation •
- Operating Temperature 0°C to 70°C •

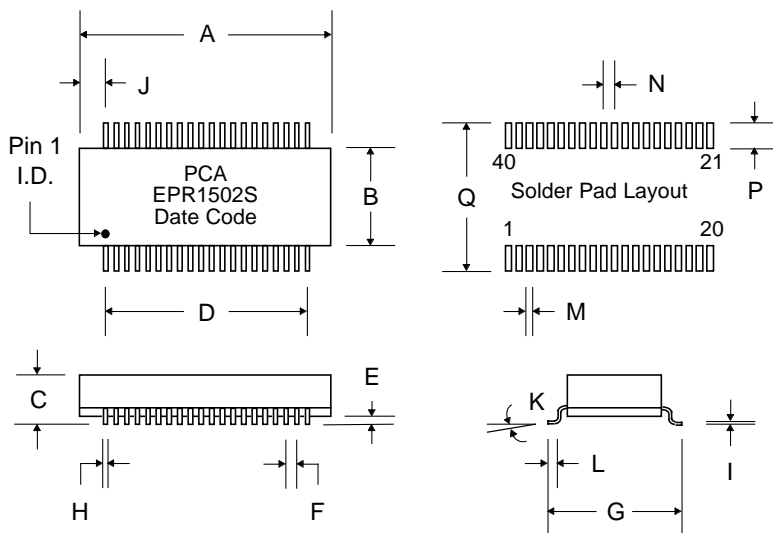
### Electrical Parameters @ 25° C

Primary Inductance (mH Min.)	Leakage Inductance (µH Max.)	Interwinding Capacitance (pF Max.)	DCR (Ω Max.)		Turns Ratio (± 2%)
@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	Xmit & RCV		Xmit & RCV
	Measure Pri. & short Sec.	Pri. to Sec.	Pri.	Sec.	Pri:Sec
1.2	0.6	35	1	2	1: 2 CT

### Schematic



### Package



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.110	1.130	1.120	28.19	28.70	28.45
B	.470	.490	.480	11.94	12.45	12.19
C	.250	.270	.260	6.35	6.86	6.60
D	---	---	.950	---	---	24.13
E	.010	.015	.012	.254	.381	.305
F	---	---	.050	---	---	1.27
G	.590	.610	.600	14.99	15.49	15.24
H	.016	.022	.019	.406	.559	.483
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	---	---	.050	---	---	1.27
P	---	---	.090	---	---	2.29
Q	---	---	.670	---	---	17.02