

# T1/E1/ CEPT Quad Port Transformer

## EPR1534S

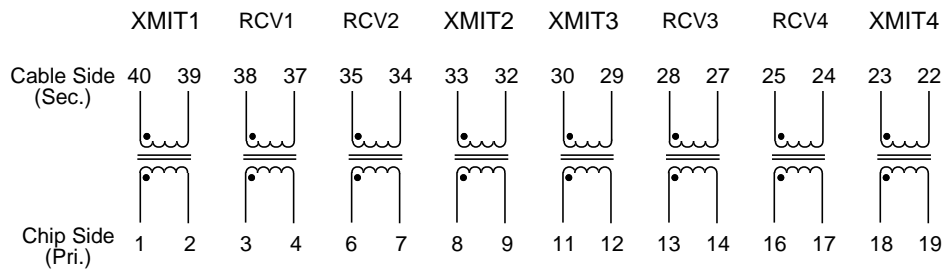


- Optimized for Leading Transceiver I.C.'s •
- Robust construction allows IR/VP reflow processes •
- 1500 Vrms Isolation •
- Operating Temperature : -40°C to +85°C •

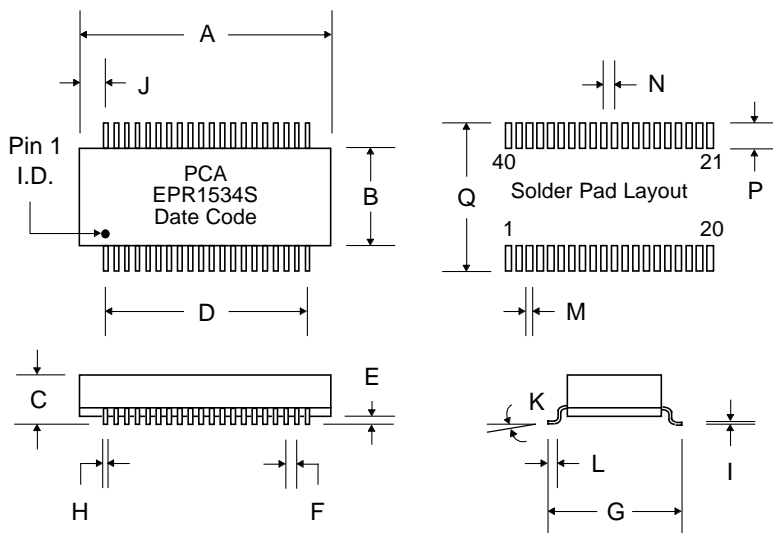
### Electrical Parameters @ 25° C

Primary Inductance (mH Typ.)	Leakage Inductance (µH Max.)	Interwinding Capacitance (pF Max.)	DCR (Ω Max.)				Turns Ratio (± 2%)	
			XMIT		RCV		XMIT	RCV
@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms						
	@ Pri. w/ Sec. shorted	Pri. to Sec.	Pri.	Sec.	Pri.	Sec.	Pri:Sec	Pri:Sec
1.5	0.5	35	0.8	3	0.8	0.8	1:2.4	1: 1

### 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