T1/E1 Transformers

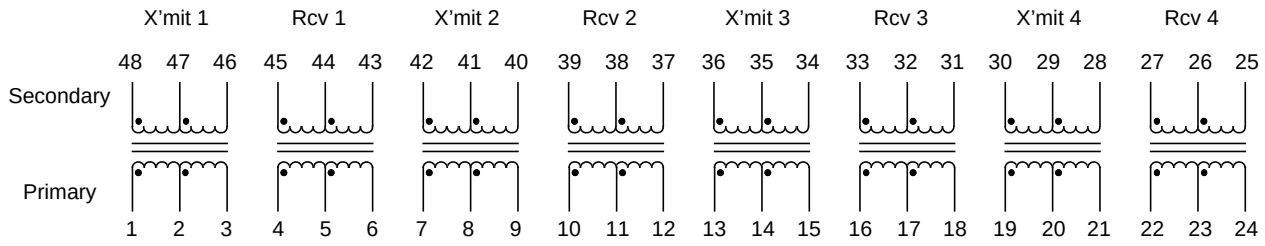
EPR1501S

- Robust construction allows for solder reflow processes •
- Isolation: 3K Vrms •
- Operating Temp: 0˚C to + 70˚C •

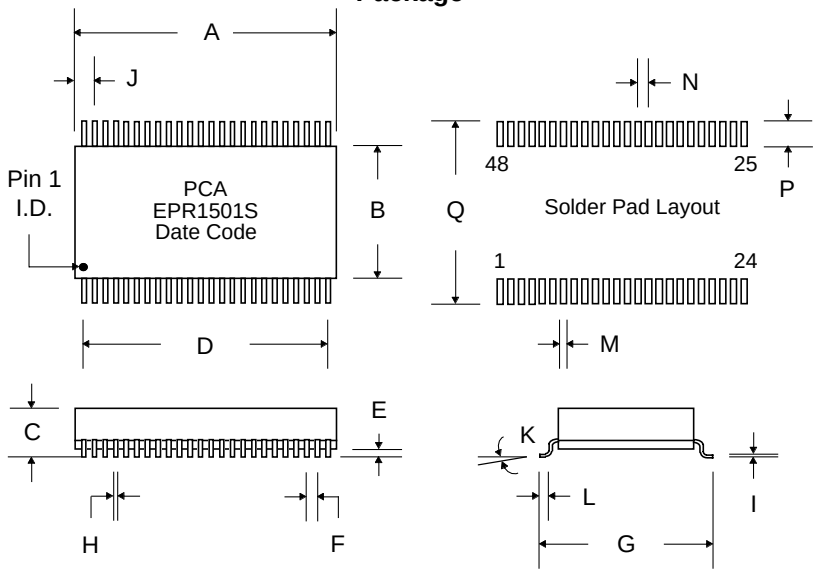
Electrical Parameters @ 25° C

Pri. OCL (mH Min.)		Leakage Inductance (uH Max)	Interwinding Capacitance (pF Max.)	Pri. DCR (Ω Max)		Ratio (± 2%)	
10 KHz, 0.2 Vrms		@100 KHz, 0.02 Vrms	@100 KHz, 0.02 Vrms			Pri. : Sec.	
2.2	1.2	0.6 uH	35	1.0	0.7	1.36CT:1CT	1CT:1CT
X'mit	Rcv	Measure @ Sec. with Pri. Shorted		X'mit	Rcv	X'mit	Rcv

Schematic



Package



Dimensions

Dim.	(Inches) Min.	Max.	Nom.	(Millimeters) Min.	Max.	Nom.
A	1.245	1.265	1.255	31.62	32.12	31.88
B	.700	.720	.710	17.78	18.29	18.03
C	.290	.310	.300	7.37	7.87	7.62
D	---	---	1.150	---	---	29.20
E	.010	.015	.012	.254	.381	.305
F	---	---	.050	---	---	1.27
G	.840	.860	.850	21.34	21.84	21.60
H	.016	.022	.029	.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	---	---	.900	---	---	22.90

PCA ELECTRONICS, INC.
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NORTH HILLS, CA 91343

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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