

10/100 Base-TX Interface PCMCIA Module

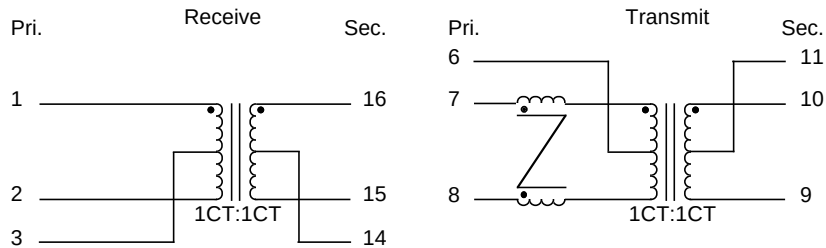
EPF8181AS

- Robust design allows for toughest soldering processes •
- 1500 Vrms Isolation •
- Complies with or exceeds IEEE 802.3, 10 Base-T Requirements •

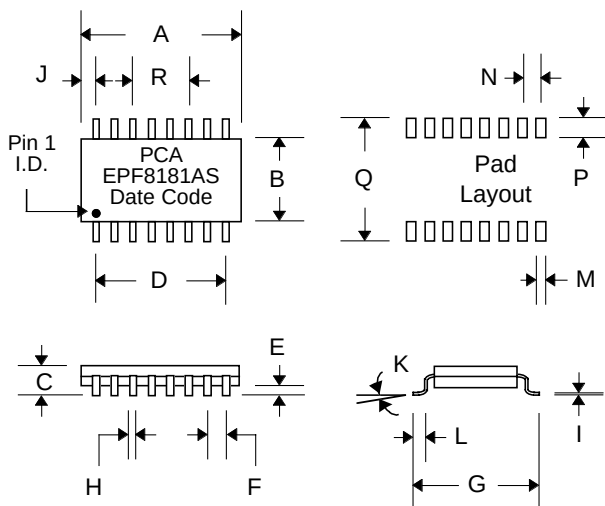
Electrical Parameters @ 25° C

OCL (μ H Min.)	Interwinding Capacitance (pF Max.)	Primary Leakage Inductance (μ H Max.)	Return Loss (dB Min.)			Primary DCR (Ω Max.)	
@ 100 KHz, 0.1 Vrms, 8mA DC Bias	@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms	1-30	30-60	60-80		
Xmit & Rcv		Xmit & Rcv				Xmit	Rcv
350	25	0.3	-18	-14	-10	1.5	1.0
Pins 16-15 & 10-9							

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.480	.500	.490	12.19	12.7	12.45
B	.260	.280	.270	6.60	7.11	6.86
C	.076	.084	.080	1.93	2.13	2.03
D	---	---	.350	---	---	8.89
E	.003	.008	.005	.076	.203	.127
F	---	---	.050	---	---	1.27
G	.350	.370	.360	8.89	9.39	9.14
H	.018	.022	.020	.457	.559	.508
I	.008	.012	.010	.203	.304	.254
(J)	---	---	.070	---	---	1.78
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.050	---	---	1.27
P	---	---	.085	---	---	2.16
Q	---	---	.440	---	---	11.18