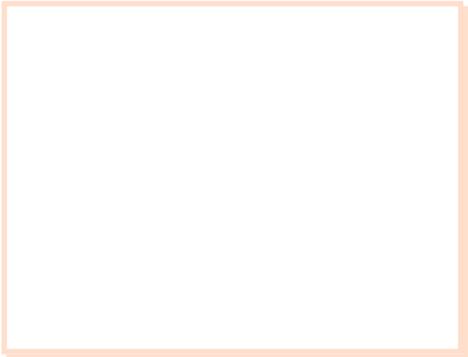


EPE6087AS

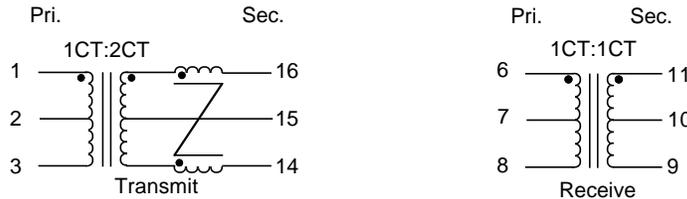


- For use with National Semiconductor's DP83907 Atlantic II Chip •
- Robust design allows for toughest soldering processes •
- Provided with superior common mode attenuation •
- Complies with or exceeds IEEE Requirements •

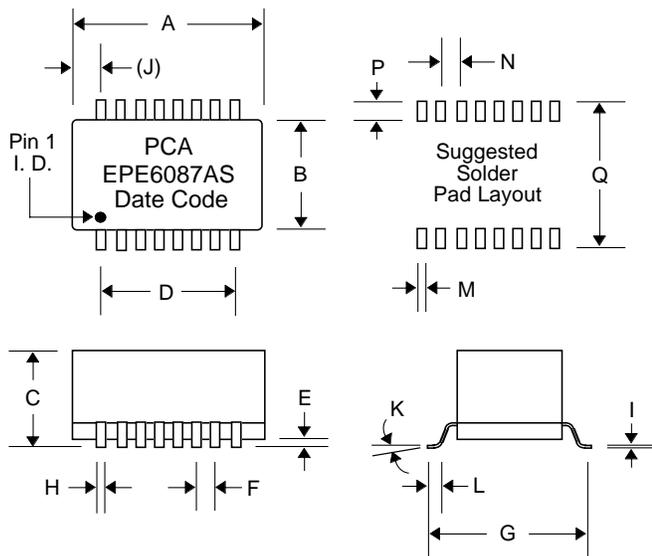
Electrical Parameters @ 25° C

Primary Inductance (μH Min.)		Interwinding Capacitance (pF Max.)	Leakage Inductance (μH Max.)	CMRR (dB) (Xmit)			Return Loss (dB Min.)	Hipot (Vrms)	Primary DCR (Ω Max.)	
@ 1 MHz, 0.1 Vrms		@ 1 MHz, 0.1 Vrms	@ 1 MHz, 0.1 Vrms	30-50 MHz	100 MHz	200 MHz	5MHz-10MHz		Xmit	Rcv
Xmit	Rcv								Xmit	Rcv
50	200	12	0.3	-35	-30	-20	-15	1500	0.35	0.50

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.480	.500	.490	12.19	12.70	12.45
B	.250	.270	.260	6.35	6.86	6.60
C	.180	.200	.190	4.57	5.08	4.83
D	.350	Typ.		8.89	Typ.	
E	.010	.015	.013	.254	.381	.330
F	.050	Typ.		1.27	Typ.	
G	.360	.380	.370	9.14	9.65	9.40
H	.016	.022	.019	.406	.559	.483
I	.010	Typ.		.254	Typ.	
(J)	.070	Typ.		1.78	Typ.	
K	0°	8°		0°	8°	
L	.025	.045	.035	.635	1.14	.889
M			.030			.762
N			.050			1.27
P			.075			1.91
Q			.420			10.67