

## EPR1087G

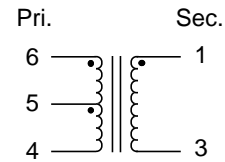
- Designed for use with PMC-Sierra's PM4351 Comet •
- Meets UL1459 requirements •
- Robust Construction allows IR/VP reflow processes •
- 1500 Vrms Isolation •

### Electrical Parameters @ 25° C

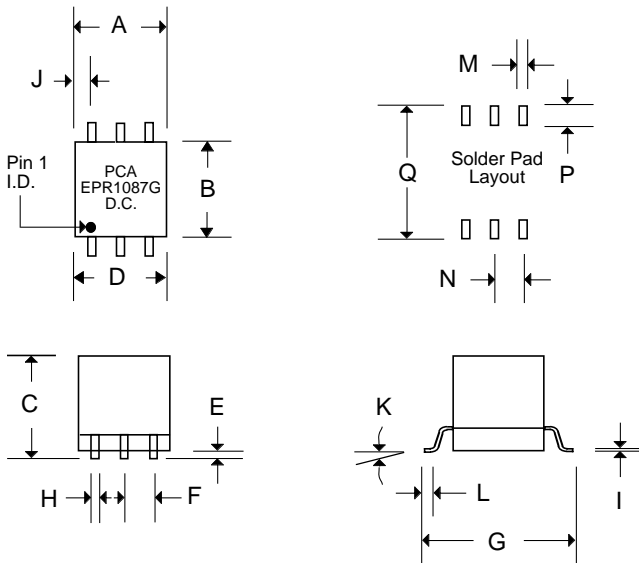
Pri. OCL (mH Min.)	Leakage Inductance (µH Max.)	Frequency Response (dB Typ.)	Return Loss (dB Typ.)					Longitudinal Balance (dB Min.)	Turns Ratio (± 2%)	DCR (Ω ±10%)	
			100KHz	200-300KHz	500KHz	1MHz	2.5 MHz			Pri.	Sec.
10KHz, 1Vrms	10KHz, 1Vrms	0.1-2.5 MHz	-32	-35	-32	-28	-22	35	Pri. : Sec.	Pri.	Sec.
2.3	2	-0.1							2.42:1	0.55	0.215
Pins 6-4	Pins 6-4 w/ 1-3 Shorted							Per FCC Method	Pins 6-4 to 1-3	Pins 6-4	Pins 1-3

• Primary Impedance : 100Ω • Secondary Impedance : 17Ω •

### Schematic



### Package



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.440	.460	.450	11.85	11.68	11.43
B	.390	.410	.400	9.90	10.41	10.16
C	.340	.360	.350	8.63	9.14	8.89
D	---	---	.200	---	---	5.08
E	.010	.015	.013	.254	.381	.330
F	---	---	.100	---	---	2.54
G	.500	.520	.510	12.70	13.20	12.95
H	.018	.022	.020	.457	.559	.508
I	.008	.012	.010	.203	.305	.254
J	---	---	.125	---	---	3.16
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.085	---	---	2.16
Q	---	---	.570	---	---	14.48