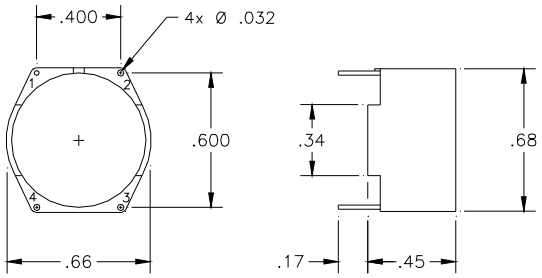
ELECTRICAL SPECIFICATIONS

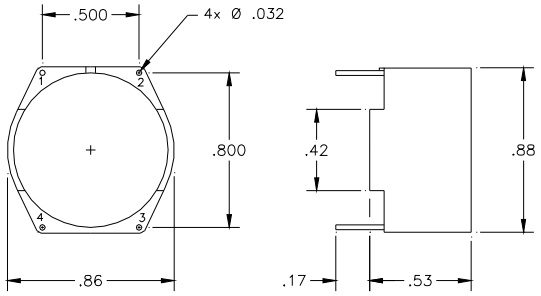
PART NUMBER	L_O ±10% MICRO - H	DCR ±10% MILLI - OHMS	DC AMPS MAX	SRF kHz REF
EM14EL21	14	15	6.0	>3000
EM14EL22	25	25	4.6	>3000
EM14EL23	40	40	3.7	>3000
EM14EL24	63	63	2.9	>3000
EM14EL25	100	100	2.3	>3000
EM14EL26	160	160	1.8	>3000
EM14EL27	250	250	1.4	2400
EM14EL28	400	400	1.1	1800
EM14EL29	630	630	.90	1400
EM14EL30	1000	1000	.71	1100
EM18EL20	25	20	6.3	>3000
EM18EL21	40	32	5.1	>3000
EM18EL22	63	50	4.0	>3000
EM18EL23	100	80	3.1	>3000
EM18EL24	160	130	2.5	>3000
EM18EL25	250	200	2.0	2400
EM18EL26	400	320	1.6	1800
EM18EL27	630	500	1.3	1400
EM18EL28	1000	800	1.0	1100
EM18EL29	1600	1300	.79	900
EM22EL19	63	23	6.3	>3000
EM22EL20	100	36	5.0	>3000
EM22EL21	160	57	4.0	3000
EM22EL22	250	90	3.1	2300
EM22EL23	400	140	2.5	1800
EM22EL24	630	230	2.0	1400
EM22EL25	1000	360	1.6	1100
EM22EL26	1600	570	1.3	900
EM22EL27	2500	900	1.0	700
EM22EL28	4000	1400	.79	550

MECHANICAL SPECIFICATIONS

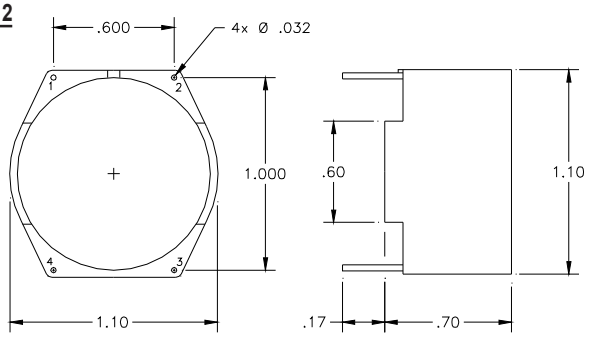
EM14



EM18



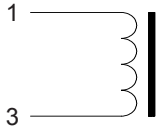
EM22



NOTES

1. Initial inductance (L_O) is measured at 100 mVRMS, 10 kHz.
2. DC Amps maximum rating is for a 50°C rise.
3. Designed to meet MIL-PRF-27 Grade 5, Class S (130° C).
4. Pins are hot solder dipped.

SCHEMATIC DIAGRAM



	INIT.	DATE	CAGE	MAGNETIC CIRCUIT ELEMENTS INC.				
				www.MCEmagnetics.com, ph. 831-757-8752, fax 831-757-5478				
PROD.	MP	3-30-10	09349					
ENG.	JC	3-30-10		ENCAPSULATED POT CORE CHOKES				
Q.A.	BT	3-30-10	TEST CONDITION	DECIMALS (IN.)	VOLTS	FREQUENCY	SIZE	DWG. NO.
REV.	A	3-30-10	20° ± 5° C	.XX = ± .03 .XXX = ± .010	±5%	±5%	A	**EMEL**