

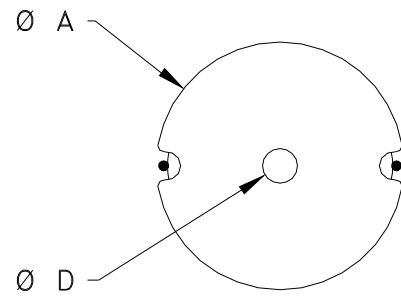
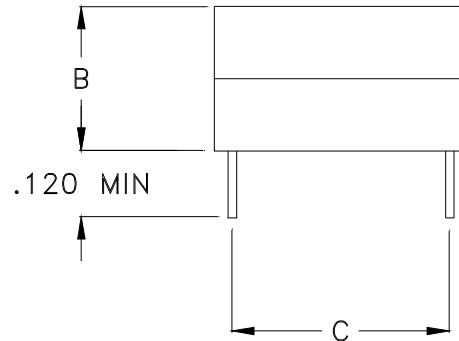
# ELECTRICAL SPECIFICATIONS

PART NUMBER	L <sub>0</sub> ±10% MICRO - H	DCR ±10% MILLI - OHMS	DC AMPS MAX	SRF kHz REF	LEAD DIA
OJ14EL21	14	15	6.0	>3000	.029
OJ14EL22	25	25	4.6	>3000	.026
OJ14EL23	40	40	3.7	>3000	.023
OJ14EL24	63	63	2.9	>3000	.020
OJ14EL25	100	100	2.3	>3000	.018
OJ14EL26	160	160	1.8	>3000	.016
OJ18EL20	25	20	6.3	>3000	.032
OJ18EL21	40	30	5.1	>3000	.029
OJ18EL22	63	50	4.0	>3000	.026
OJ18EL23	100	80	3.1	>3000	.023
OJ18EL24	160	120	2.5	>3000	.020
OJ18EL25	250	200	2.0	2440	.018
OJ22EL19	63	23	6.3	>3000	.036
OJ22EL20	100	36	5.0	>3000	.032
OJ22EL21	160	57	4.0	3000	.029
OJ22EL22	250	90	3.1	2300	.026
OJ22EL23	400	140	2.5	1800	.023
OJ22EL24	630	230	2.0	1400	.020
OJ26EL18	63	22	7.9	>3000	.040
OJ26EL19	100	34	6.3	3000	.036
OJ26EL20	160	54	5.0	2400	.032
OJ26EL21	250	85	4.0	1900	.029
OJ26EL22	400	135	3.2	1500	.026
OJ26EL23	630	220	2.5	1140	.023
OJ30EL17	160	33	7.4	2600	.045
OJ30EL18	250	50	6.0	2000	.040
OJ30EL19	400	80	4.7	1600	.036
OJ30EL20	630	130	3.7	1200	.032
OJ30EL21	1000	210	2.9	900	.029
OJ30EL22	1600	340	2.3	680	.026
OJ36EL16	250	32	8.5	1950	.051
OJ36EL17	400	50	6.8	1500	.045
OJ36EL18	630	80	5.3	1200	.040
OJ36EL19	1000	130	4.2	900	.036
OJ36EL20	1600	200	3.4	650	.032
OJ36EL21	2500	320	2.6	500	.029
OJ42EL11	63	6.0	20.0	>3000	.091
OJ42EL12	100	9.0	17.0	>3000	.081
OJ42EL13	160	14	14.0	2600	.072
OJ42EL14	250	22	11.0	2100	.064
OJ42EL15	400	35	9.0	1500	.057
OJ42EL16	630	55	7.1	1100	.051
OJ42EL17	1000	90	5.6	800	.045
OJ42EL18	1600	140	4.5	600	.040
OJ42EL19	2500	230	3.5	450	.036
OJ42EL20	4000	360	2.8	340	.032

# MECHANICAL SPECIFICATIONS

SIZE	A MAX	B MAX	C REF*	D ±.005
OJ14	.57	.35	.50	.122
OJ18	.74	.43	.65	.122
OJ22	.88	.54	.75	.179
OJ26	1.04	.65	.88	.219
OJ30	1.22	.76	1.03	.219
OJ36	1.44	.89	1.22	.219
OJ42	1.72	1.20	1.45	.219


\* The "C" dimension is the recommended center-to-center spacing for printed circuit board layout.



Bottom View

## NOTES

1. Initial inductance (L<sub>0</sub>) is measured at 100 mVRMS, 10 kHz.
2. DC Amps maximum rating is for a 50°C rise.
3. Maximum operating temperature is 130°C.
4. All electrical data at 20° ± 5°C.
5. Leads are copper, hot solder dipped.
6. WARNING! Do not use a metal bolt in the center hole.

	INIT.	DATE	TOLERANCES	<b>MAGNETIC CIRCUIT ELEMENTS INC.</b> 		
PROD.	<i>MP</i>	12-28-09	DECIMALS (IN.) .XX = ± 0.03 .XXX = ± 0.010 VOLTS = ±5%			
ENG.	<i>JC</i>	12-28-09		POT CORE CHOKES - FERRITE		
Q.A.	<i>BT</i>	12-28-09	CAGE CODE 09349	CONTACT INFORMATION	SIZE	DWG. NO.
REV.	B	12-28-09		www.MCEmagnetics.com ph. (831)757-8752 fax (831)757-5478	A	<b>OJEL</b>