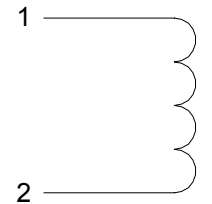


## ELECTRICAL SPECIFICATIONS

PART NUMBER	$L_o \pm 5\%$ MICRO - H	DCR $\pm 10\%$ MILLI - OHMS	SRF - MHz TYPICAL
OH18KL1	1.12	4.1	83
OH18KL2	1.72	5.0	65
OH18KL3	2.47	7.3	55
OH18KL4	3.36	13	49
OH18KL5	4.39	19	43
OH18KL6	5.52	26	38
OH18KL7	6.82	36	35
OH18KL8	8.26	50	32
OH18KL9	9.82	70	30
OH18KL10	11.5	96	28

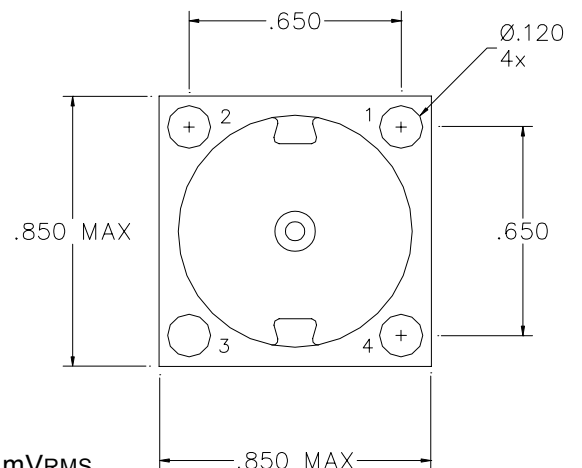
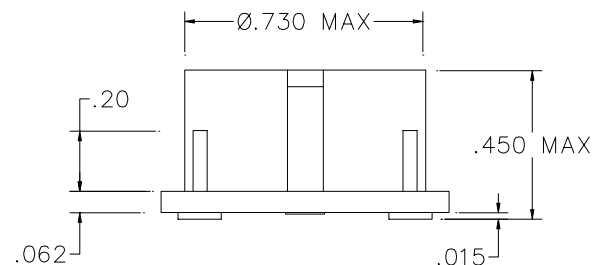
## SCHEMATIC DIAGRAM



## APPLICATION FEATURES

1. Typical inductor Q is in the 300-400 range.
2. Typical Inductance ( $L_o$ ) adjustment range is 14-17%.
3. Low Profile SMD.
4. Modified standard parts with different inductance values or terminations are available.

## MECHANICAL SPECIFICATIONS



Bottom View

## NOTES

1. Inductance ( $L_o$ ) is measured at 50 mVRMS, 1 MHz.
2. Self Resonant Frequency (SRF) and Q are measured at 50 mVRMS.
3. All electrical data at  $20^\circ \pm 5^\circ\text{C}$  without an adjuster installed.
4. Maximum operating temperature is  $130^\circ\text{C}$ .

	INIT.	DATE	CAGE 09349	<b>MAGNETIC CIRCUIT ELEMENTS INC.</b>				
PROD.	<i>MP</i>	4-18-05						
ENG.	<i>JC</i>	4-18-05		1 - 12 MHz ADJUSTABLE INDUCTORS				
Q.A.	<i>BZ</i>	4-18-05	TEST CONDITION $20^\circ \pm 5^\circ\text{C}$	DECIMALS (IN.)	VOLTS	FREQUENCY	SIZE	DWG. NO.
REV.				.XX = $\pm .03$ .XXX = $\pm .010$	$\pm 5\%$	$\pm 5\%$	A	<b>OH18KL</b>