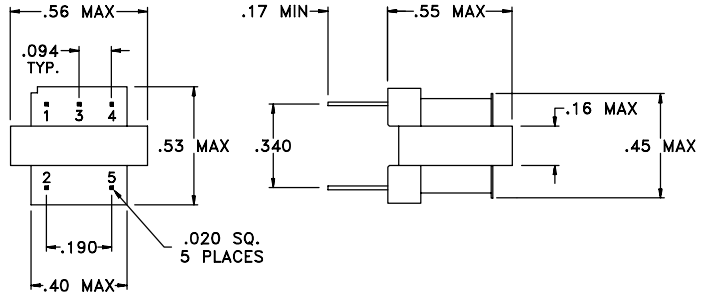


# ELECTRICAL SPECIFICATIONS

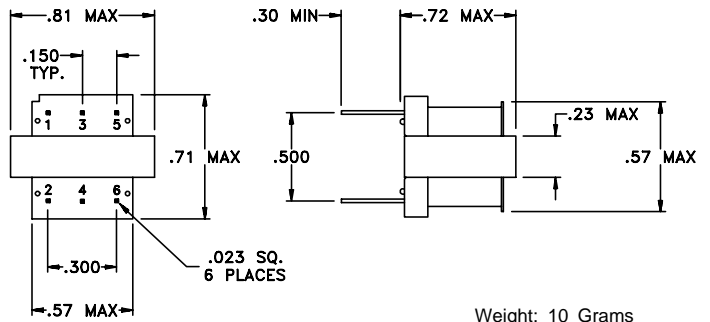
# MECHANICAL SPECIFICATIONS

PART NUMBER	L <sub>0</sub> -15% MILLI-H	DCR -15% OHMS	DC AMPS MAX	SELF RES. FREQ.-KHZ	SCHEM. DIAG.
OC12BL22	.019	.026	4.0	3900	A
OC12BL23	.030	.042	3.2	3900	A
OC12BL24	.048	.065	2.5	3200	A
OC12BL25	.076	.10	2.0	3100	B
OC12BL26	.12	.17	1.6	3700	B
OC12BL27	.19	.26	1.3	2600	B
OC12BL28	.30	.42	1.0	2300	B
OC12BL29	.48	.66	.80	2200	B
OC12BL30	.76	1.1	.63	1700	B
OC12BL31	1.2	1.7	.50	1100	B
OC12BL32	1.9	2.7	.40	880	B
OC12BL33	3.0	4.2	.32	830	B
OC12BL34	4.8	6.8	.25	650	B
OC12BL35	7.6	11	.20	490	B
OC12BL36	12	17	.16	400	B
OC12BL37	19	27	.13	310	B
OC12BL38	30	43	.10	240	B
OC12BL39	48	69	.080	190	B
OC12BL40	76	120	.063	160	B
OC12BL41	120	170	.050	120	B
OC18BL20	.051	.035	5.0	3200	C
OC18BL21	.081	.054	4.0	3000	D
OC18BL22	.13	.085	3.2	3400	D
OC18BL23	.20	.14	2.5	1200	D
OC18BL24	.32	.22	2.0	2100	E
OC18BL25	.51	.35	1.6	1800	E
OC18BL26	.81	.54	1.3	1400	E
OC18BL27	1.3	.85	1.0	1100	E
OC18BL28	2.0	1.4	.80	850	E
OC18BL29	3.2	2.2	.63	670	F
OC18BL30	5.1	3.5	.50	530	E
OC18BL31	8.1	5.4	.40	430	F
OC18BL32	13	8.5	.32	280	E
OC18BL33	20	14	.25	260	F
OC18BL34	32	22	.20	210	E
OC18BL35	51	35	.16	160	F
OC18BL36	81	54	.13	110	E
OC18BL37	130	85	.10	92	F
OC18BL38	200	140	.080	69	E
OC18BL39	320	230	.063	57	F
OC25BL18	.070	.031	6.0	1700	F
OC25BL19	.11	.050	4.8	1000	F
OC25BL20	.18	.080	3.8	930	F
OC25BL21	.28	.13	3.0	1000	G
OC25BL22	.44	.20	2.4	960	G
OC25BL23	.70	.31	1.9	800	G
OC25BL24	1.1	.50	1.5	1100	H
OC25BL25	1.8	.80	1.2	890	H
OC25BL26	2.8	1.3	.95	720	H
OC25BL27	4.4	2.0	.75	530	H
OC25BL28	7.0	3.1	.60	450	H
OC25BL29	11	5.0	.48	340	H
OC25BL30	18	8.0	.38	270	H
OC25BL31	28	13	.30	210	H
OC25BL32	44	20	.24	170	H
OC25BL33	70	31	.19	140	H
OC25BL34	110	50	.15	110	H
OC25BL35	180	80	.12	76	H
OC25BL36	280	140	.095	61	H
OC25BL37	440	210	.075	47	H

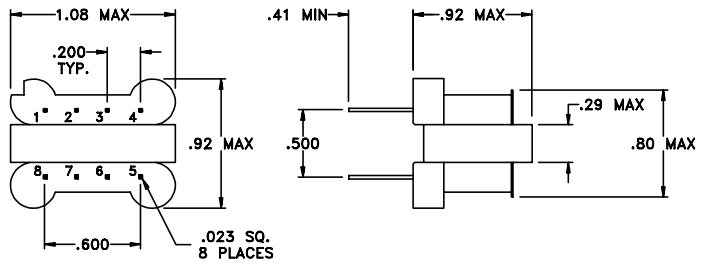
Also available in a VERTICAL configuration with two self leads.



Weight: 3.5 Grams

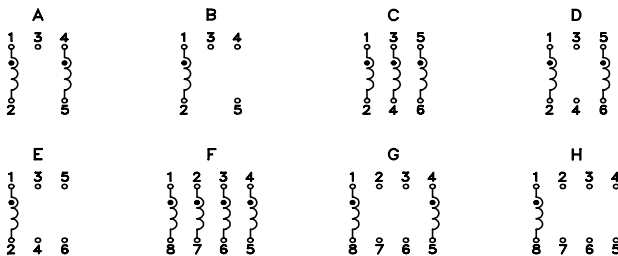


Weight: 10 Grams



Weight: 26 Grams

## SCHEMATIC DIAGRAMS



## NOTES

1. Initial inductance (L<sub>0</sub>) is measured at 1 KHz.
2. DC Amps maximum rating is for a 50°C rise.
3. Inductance at MAX DC amps is approximately 90% of L<sub>0</sub>.
4. Maximum operating temperature is 130°C.
5. Self-Resonant Frequency is typical and for reference only.
6. Dielectric Withstanding Voltage (winding-to-core) is 1500 VRMS, 60 Hz.
7. All electrical measurements made with multiple windings in parallel.
8. All mechanical measurements are in inches.
9. Pins are hot solder dipped.

	INIT.	DATE	CAGE	<b>MAGNETIC CIRCUIT ELEMENTS INC.</b>				
PROD.	JFP	12-7-01	09349					
ENG.	JC	12-7-01		<b>"E" CORE CHOKES - FERRITE</b>				
Q.A.	B.T.	12-7-01	TEST CONDITION	DECIMALS	VOLTS	FREQUENCY	SIZE	DWG. NO.
REV.	A	12-7-01	20° ± 5° C	.XX = ± .03 .XXX = ± .010	±5%	±5%	A	<b>OC(12-25)BL</b>