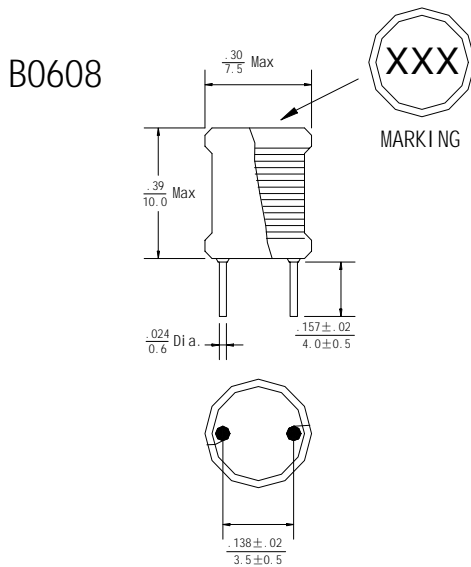


# Bobbin Core Power Inductors-B0608 Series

## Dimensions



Tolerance of Inductance:

3.3uH-8.2uH  $\pm 20\%$  (M); 10uH-1.0mH  $\pm 10\%$  (K)

Inductance tested @100KHZ, 0.1Vrms.

Operating temperature range -40°C-85°C.

Part No.	Inductance (uH)	DCRmax( $\Omega$ )	I <sub>rms</sub>		SRF typ (MHz)
			rise (A)	20°C rise(A)	
B0608-3R3	3.3	0.01	5.0	7.5	40.0
B0608-4R7	4.7	0.02	4.6	6.9	36.0
B0608-5R6	5.6	0.02	4.2	6.3	32.0
B0608-6R8	6.8	0.03	3.8	5.7	30.0
B0608-8R2	8.2	0.03	3.4	5.1	25.0
B0608-100	10	0.04	3.0	4.5	23.0
B0608-120	12	0.05	2.8	4.2	20.0
B0608-150	15	0.05	2.7	4.0	19.0
B0608-180	18	0.07	2.5	3.7	17.0
B0608-223	22	0.08	2.3	3.4	16.0
B0608-270	27	0.09	2.2	3.2	12.0
B0608-330	33	0.12	2.0	2.9	11.0
B0608-390	39	0.13	1.8	2.6	10.0
B0608-470	47	0.16	1.7	2.4	9.5
B0608-560	56	0.19	1.5	2.1	9.0
B0608-680	68	0.25	1.3	1.8	9.0
B0608-820	82	0.28	1.2	1.6	7.0
B0608-101	100	0.38	1.0	1.3	6.5
B0608-121	120	0.42	0.94	1.23	6.0
B0608-151	150	0.5	0.88	1.15	5.5
B0608-181	180	0.65	0.82	1.08	5.0
B0608-221	220	0.73	0.76	1.00	4.8
B0608-271	270	0.96	0.70	0.93	4.0
B0608-331	330	1.11	0.64	0.85	3.7
B0608-391	390	1.25	0.58	0.78	3.0
B0608-471	470	1.60	0.52	0.70	2.8
B0608-561	560	1.85	0.46	0.63	2.5
B0608-681	680	2.40	0.40	0.55	2.5
B0608-821	820	2.70	0.34	0.48	2.1
B0608-102	1000	3.00	0.30	0.40	2.1