

Chip Ceramic Inductors - 0402 Specifications

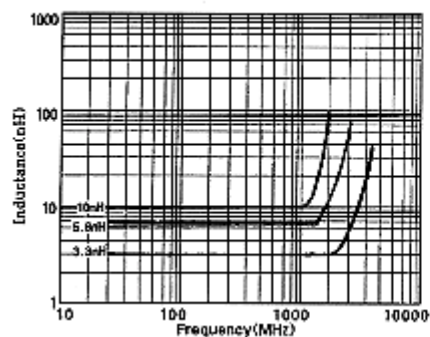
0402 is the U.S. inches equivalent for the 1005 millimeter series.

Part Number	Inductance		Q Typical			Self-Resonant Frequency (MHz)		DC Resistance (m ohms)	Rated DC Current (mA)
	nH	Tolerance	100MHz	800MHz	1800MHz	Min	Typ	Max	Max
WPC-1005-1.0	1.0	±0.3nH	11	31	44	6000	13000	100	300
WPC-1005-1.2	1.2	±0.3nH	11	32	50	6000	10000	120	300
WPC-1005-1.5	1.5	±0.3nH	11	30	50	6000	10000	120	300
WPC-1005-1.8	1.8	±0.3nH	12	34	47	6000	9500	140	300
WPC-1005-2.2	2.2	±0.3nH	11	28	45	6000	9000	160	300
WPC-1005-2.7	2.7	±0.3nH	11	29	45	6000	9000	200	300
WPC-1005-3.3	3.3	±0.3nH	11	31	50	6000	8000	220	300
WPC-1005-3.9	3.9	±0.3nH	12	32	42	4000	6500	250	300
WPC-1005-4.7	4.7	±0.3nH	10	27	36	4000	5000	280	300
WPC-1005-5.6	5.6	±0.3nH	10	28	37	4000	5000	300	300
WPC-1005-6.8	6.8	±5%	11	31	39	3900	4400	350	300
WPC-1005-8.2	8.2	±5%	11	29	36	3600	4000	400	250
WPC-1005-100	10	±5%	11	29	35	3200	3500	450	250
WPC-1005-120	12	±5%	11	28	29	2700	3500	500	200
WPC-1005-150	15	±5%	11	26	23	2300	3000	550	200
WPC-1005-180	18	±5%	11	26	20	2100	2600	650	200
WPC-1005-220	22	±5%	12	28	18	1900	2200	800	200
WPC-1005-270	27	±5%	11	19	--	1600	1900	900	200
WPC-1005-330	33	±5%	11	22	--	1300	1700	1100	200
WPC-1005-390	39	±5%	10	17	--	1200	1600	1200	100
WPC-1005-470	47	±5%	10	16	--	1000	1300	1300	100
WPC-1005-560	56	±5%	10	--	--	750	900	1400	100
WPC-1005-680	68	±5%	9	--	--	700	800	1400	100
WPC-1005-820	82	±5%	10	--	--	600	700	1600	100
WPC-1005-101	100	±5%	10	--	--	550	650	1600	100

Chip Ceramic Inductors - 0402 Specifications - (continued)

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Inductance Characteristics



Q Characteristics

