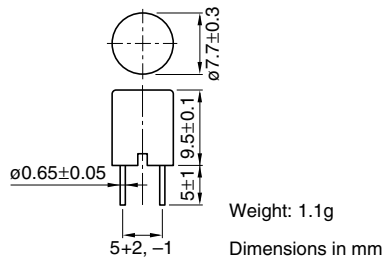


SHAPES AND DIMENSIONS



ELECTRICAL CHARACTERISTICS

Inductance (μ H)	Inductance tolerance	Q min.	Test frequency L/Q (Hz)	Self-resonant frequency (MHz)min.	DC resistance (Ω)max.	Rated current(A)*1max.		Part No.
						Based on inductance change	Based on temperature rise	
1	±20%	10	1k/7.96M	70	0.006	6.6	5	TSL0709□*2-1R0M5R0-PF
1.5	±20%	10	1k/7.96M	56	0.008	5.4	4.3	TSL0709□-1R5M4R3-PF
2.2	±20%	10	1k/7.96M	45	0.011	4	3.7	TSL0709□-2R2M3R7-PF
3.3	±20%	10	1k/7.96M	36	0.018	3.6	2.9	TSL0709□-3R3M2R9-PF
4.7	±20%	10	1k/7.96M	29	0.022	3.1	2.6	TSL0709□-4R7M2R6-PF
6.8	±20%	10	1k/7.96M	24	0.028	2.5	2.3	TSL0709□-6R8M2R3-PF
10	±10%	20	1k/2.52M	19	0.043	2.1	1.9	TSL0709□-100K1R9-PF
15	±10%	20	1k/2.52M	15	0.056	1.7	1.6	TSL0709□-150K1R6-PF
22	±10%	20	1k/2.52M	12	0.086	1.4	1.3	TSL0709□-220K1R3-PF
33	±10%	20	1k/2.52M	9.4	0.14	1.1	1	TSL0709□-330K1R0-PF
47	±10%	20	1k/2.52M	7.6	0.17	0.96	0.94	TSL0709□-470KR94-PF
68	±10%	20	1k/2.52M	6.2	0.28	0.79	0.73	TSL0709□-680KR73-PF
100	±10%	20	1k/796k	5	0.33	0.66	0.67	TSL0709□-101KR66-PF
150	±10%	20	1k/796k	4	0.56	0.53	0.52	TSL0709□-151KR52-PF
220	±10%	20	1k/796k	3.2	0.72	0.44	0.46	TSL0709□-221KR44-PF
330	±10%	20	1k/796k	2.5	1.1	0.36	0.37	TSL0709□-331KR36-PF
470	±10%	20	1k/796k	2	1.7	0.3	0.3	TSL0709□-471KR30-PF
680	±10%	20	1k/796k	1.7	2.3	0.25	0.26	TSL0709□-681KR25-PF
1000	±10%	70	1k/252k	1.3	4.3	0.2	0.19	TSL0709□-102KR19-PF
1500	±10%	50	1k/252k	1.3	5	0.17	0.16	TSL0709□-152KR16-PF

*1 Rated current: Value obtained when current flows and the temperature has risen to 25°C or when DC current flows and the initial value of inductance has fallen by 20%, whichever is smaller.

*2 □: Please specify packaging style, S(Bulk) or RA(Taping).

TYPICAL ELECTRICAL CHARACTERISTICS

INDUCTANCE CHANGE vs. DC SUPERPOSITION CHARACTERISTICS

