



Notes for LS5 subminiature shielded inductor:  
 Current Rating: Based on 0.33 watt power dissipation for approximately 20°C temperature rise.  
 Inductance tolerance: K =  $\pm 10\%$  over the entire inductance range, special values and tighter tolerances available upon request.  
 Marking: Inductance code.  
 Packaging: Bulk only.

Testing: Inductance and Q measured with Q meter HP4342A at specified frequency. DCR measured with milliohm meter. SRF measured on HP4191A meter.  
 Operating Temperature Range: - 55°C to + 125°C.  
 Magnetically-shielded construction: Ferrite shield, epoxy-encapsulated, tinned copper wire leads.  
 Manufactured to RoHS Compliance.

PART NUMBER	INDUCTANCE [ $\mu\text{H}$ , $\pm 10\%$ ]	Q MINIMUM	Q TEST FREQUENCY [MHz]	SELF-RESONANT FREQUENCY MINIMUM [MHz]	DC RESISTANCE OHMS MAXIMUM [ ]	RATED DC CURRENT MAX [mA]
LS5-1R0K	1.0	55	7.9	200	.05	2200
LS5-2R5K	2.5	45	7.9	115	.08	1700
LS5-5R0K	5.0	35	7.9	90	.12	1400
LS5-100K	10	65	2.5	55	.42	770
LS5-250K	25	55	2.5	35	.80	560
LS5-500K	50	60	2.5	27	1.50	400
LS5-101K	100	70	2.5	20	3.10	280