



Notes for LS6 miniature shielded inductor:
 Operating Temperature Range: - 55°C to + 125°C.
 Current Rating: Based on 0.33 watt power dissipation for approximately 20°C temperature rise.
 Inductance tolerance: K = ± 10% over entire inductance range.
 Marking: Inductance code.
 Packaging: Bulk only.

Testing: Inductance measured at 1 KHz with GenRad 1658RLC digital bridge, DCR measured with milliohm meter.
 Incremental current: The current at which the inductance will be decreased by 5% from its initial, zero-DC value.
 Magnetically-shielded construction: Ferrite shield, epoxy-encapsulated, tinned copper wire leads.
 Manufactured to RoHS Compliance.

PART NUMBER	INDUCTANCE [μH, ± 10%]	TEST FREQUENCY [KHz]	DC RESISTANCE OHMS MAXIMUM []	RATED DC CURRENT MAX [mA]	INCREMENTAL CURRENT [mA]
LS6-251K	250	1 KHz	0.17	1330	60
LS6-501K	500	1 KHz	0.39	880	44
LS6-102K	1000	1 KHz	0.80	610	30