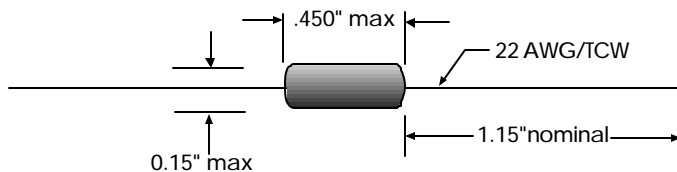
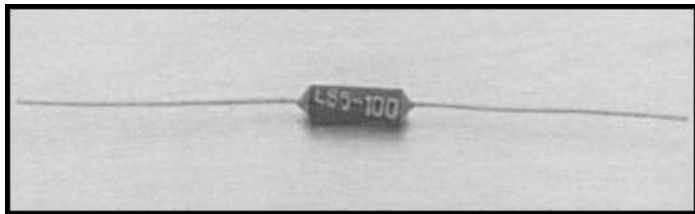
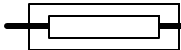


LS5 Miniature Shielded Chokes



Reliable miniature shielded chokes especially suited to filtering applications where small size, low DC resistance, magnetic shielding and medium-to-high stability characteristics are required.

INDUCTANCES 1.0 μ H to 100 μ H

CURRENT RATING Based on 0.33 watt power dissipation for approximately 20°C temperature rise.

INDUCTANCE TOLERANCE \pm 10% over entire inductance range.

DIELECTRIC WITHSTANDING VOLTAGE 1000Vms.

OPERATING TEMPERATURE RANGE -55°C to +105°C.

CONSTRUCTION Epoxy encapsulated, tinned copper wire leads, ferrite shield.

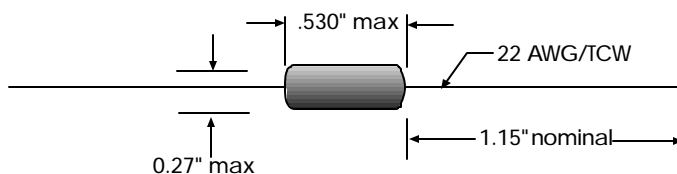
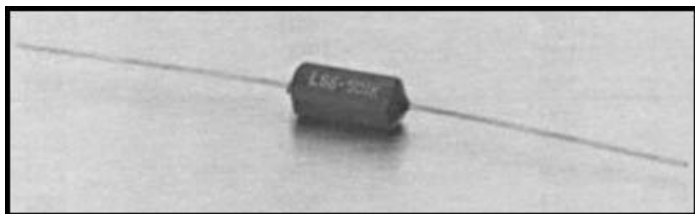
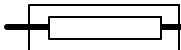
TESTING Inductance measured on Q meter at specified frequency. DCR measured with Milliohm meter.

MARKING 5 Band Color Code

PACKAGING Bulk only

PART NUMBER	INDUCTANCE (μ H)	Q MINIMUM	TEST FREQUENCY (MHz)	SELF RESONANT FREQUENCY MINIMUM (MHz)	DC RESISTANCE OHMS MAXIMUM (W)	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

LS6 Shielded Chokes



Reliable shielded chokes for filtering applications. All feature small size, low DC resistance, magnetic shielding and medium-to-high stability.

INDUCTANCES 250 μ H to 1000 μ H

CURRENT RATING Based on 0.43 watt power dissipation for approximately 20°C temperature rise.

INCREMENTAL CURRENT Is the current at which the inductance will be decreased by 5% from its initial (zero-DC) value.

INDUCTANCE TOLERANCE \pm 10% over entire inductance range.

DIELECTRIC WITHSTANDING VOLTAGE 1000Vms.

CONSTRUCTION Epoxy encapsulated, tinned copper wire leads, ferrite shield.

TESTING Inductance measured 1kHz with GenRad 1658 RLC Digit Bridge. DCR measured with Milliohm meter.

MARKING Part number printed on part

PACKAGING Bulk only

PART NUMBER	INDUCTANCE (μ H)	TEST FREQUENCY	DC RESISTANCE OHMS MAXIMUM (W)	RATED DC CURRENT MAX (mA)	INCREMENTAL CURRENT (mA)
LS6-251K	250	1kHz	.17	1330	60
LS6-501K	500	1kHz	.39	880	44
LS6-102K	1000	1kHz	.80	610	30