



Dimensions in inches

Notes for LS7 shielded power inductor:  
 Test Frequency: At 1.0 KHz, 1.0 Vrms.  
 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 the entire inductance range.  
 Marking: Inductance value.  
 Packaging: Bulk only.  
 Magnetically-shielded construction.  
 Manufactured to RoHS compliance.

PART NUMBER	INDUCTANCE [μH ± 10%]	DCR [OHMS ± 20%]	RATED CURRENT [AC AMPS]	PART NUMBER	INDUCTANCE [μH ± 10%]	DCR [OHMS ± 20%]	RATED CURRENT [AC AMPS]
LS7-1R0K	1.0	0.011	0.707	LS7-222K	2200	0.925	0.224
LS7-1R2K	1.2	0.012	0.707	LS7-272K	2700	1.02	0.224
LS7-1R5K	1.5	0.012	0.707	LS7-332K	3300	1.16	0.224
LS7-1R8K	1.8	0.012	0.707	LS7-392K	3900	1.61	0.175
LS7-2R2K	2.2	0.012	0.707	LS7-472K	4700	1.89	0.175
LS7-2R7K	2.7	0.013	0.707	LS7-562K	5600	2.42	0.130
LS7-3R3K	3.3	0.013	0.707	LS7-682K	6800	2.67	0.130
LS7-3R9K	3.9	0.014	0.707	LS7-822K	8200	3.19	0.110
LS7-4R7K	4.7	0.014	0.707	LS7-103K	10,000	4.16	0.110
LS7-5R6K	5.6	0.017	0.707	LS7-123K	12,000	4.32	0.080
LS7-6R8K	6.8	0.018	0.707	LS7-153K	15,000	4.96	0.080
LS7-8R2K	8.2	0.018	0.707	LS7-183K	18,000	5.28	0.071
LS7-100K	10	0.020	0.707	LS7-223K	22,000	8.06	0.071
LS7-120K	12	0.022	0.707	LS7-273K	27,000	9.12	0.056
LS7-150K	15	0.024	0.707	LS7-333K	33,000	12.18	0.056
LS7-180K	18	0.030	0.707	LS7-393K	39,000	14.16	0.043
LS7-220K	22	0.032	0.707	LS7-473K	47,000	17.18	0.043
LS7-270K	27	0.034	0.707	LS7-563K	56,000	18.71	0.043
LS7-330K	33	0.036	0.707	LS7-683K	68,000	27.36	0.043
LS7-390K	39	0.038	0.707	LS7-823K	82,000	31.32	0.043
LS7-470K	47	0.040	0.707	LS7-104K	100,000	42.84	0.034
LS7-560K	56	0.046	0.707	LS7-124K	120,000	47.16	0.034
LS7-680K	68	0.047	0.707	LS7-154K	150,000	61.58	0.027
LS7-820K	82	0.050	0.707	LS7-184K	180,000	69.12	0.027
LS7-101K	100	0.064	0.707	LS7-224K	220,000	90	0.027
LS7-121K	120	0.068	0.707	LS7-274K	270,000	100	0.027
LS7-151K	150	0.073	0.707	LS7-334K	330,000	117	0.022
LS7-181K	180	0.078	0.707	LS7-394K	390,000	125	0.022
LS7-221K	220	0.082	0.707	LS7-474K	470,000	183	0.017
LS7-271K	270	0.098	0.707	LS7-564K	560,000	206	0.017
LS7-331K	330	0.132	0.556	LS7-684K	680,000	282	0.014
LS7-391K	390	0.142	0.556	LS7-824K	820,000	356	0.011
LS7-471K	470	0.170	0.556	LS7-105K	1,000,000	410	0.011
LS7-561K	560	0.222	0.437	LS7-125K	1,200,000	568	0.0086
LS7-681K	680	0.235	0.437	LS7-155K	1,500,000	634	0.0086
LS7-821K	820	0.247	0.437	LS7-185K	1,800,000	950	0.0069
LS7-102K	1000	0.440	0.350	LS7-225K	2,200,000	964	0.0069
LS7-122K	1200	0.470	0.280	LS7-275K	2,700,000	987	0.0054
LS7-152K	1500	0.640	0.277	LS7-335K	3,300,000	1400	0.0054
LS7-182K	1800	0.700	0.277	LS7-395K	3,900,000	1682	0.0054
				LS7-475K	4,700,000	1700	0.0054