



Notes for LC7032S shielded power inductor:  
 Operating temperature range:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ .  
 Inductance tolerance:  $M = \pm 20\%$  across the entire inductance range.  
 Magnetically shielded construction.

$I_{\text{sat}}$ : Value obtained when DC current flows and the initial value of inductance has fallen by 10%.  
 Test equipment: Inductance measured on HP4284A LF impedance analyzer or equivalent, at 1 KHz / 0.5V, and DCR measured on CH502BC.  
 Manufactured to RoHS compliance.

Part number	Inductance [ $\mu\text{H}$ , $\pm 20\%$ ]	Test Frequency [KHz]	DC Resistance [ $\delta \pm 20\%$ ]	$I_{\text{sat}}$ [A]
LC7032S-2R2M	2.2	1	0.018	2.1
LC7032S-3R3M	3.3	1	0.023	1.9
LC7032S-4R7M	4.7	1	0.036	1.7
LC7032S-6R8M	6.8	1	0.041	1.6
LC7032S-100M	10	1	0.053	1.4
LC7032S-150M	15	1	0.075	1.1
LC7032S-220M	22	1	0.11	0.96
LC7032S-330M	33	1	0.16	0.75
LC7032S-470M	47	1	0.24	0.67
LC7032S-680M	68	1	0.31	0.59
LC7032S-101M	100	1	0.45	0.45
LC7032S-151M	150	1	0.65	0.37
LC7032S-221M	220	1	1.05	0.29
LC7032S-331M	330	1	1.67	0.22
LC7032S-471M	470	1	2.05	0.20
LC7032S-681M	680	1	3.15	0.16
LC7032S-102M	1000	1	4.78	0.13