



Dimensions in mm.

Notes for SSL5028 shielded power inductor:  
 Inductance tolerance:  $M = \pm 20\%$  over the entire inductance range.  
 Flammability rating: UL 94 V-0.  
 Operating temperature range:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ .  
 Packaging: Tape and reel only.

Test instruments: HP4294 Impedance / Material Analyzer.  
 Inductance tested at  $0.1 V_{\text{rms}}$ , 100 KHz.  
 Isat: Inductance drop = 10% typical.  
 $\Delta T = 40^{\circ}\text{C}$  rise typical at Irms.  
 Magnetically shielded construction.  
 Manufactured to RoHS compliance.

Part Number	Inductance [ $\mu\text{H}$ , $\pm 20\%$ ]	Q Min	Q Frequency [KHz]	DC Resistance Max [ $\hat{o}$ ]	Isat [A]	Irms [A]	SRF Typical [MHz]
SSL5028-100M	10	40	100	0.040	5.5	3.9	24
SSL5028-150M	15	40	100	0.048	4.5	3.4	16
SSL5028-220M	22	30	100	0.059	3.5	3.1	14
SSL5028-330M	33	40	100	0.075	3.3	2.8	11
SSL5028-470M	47	40	100	0.097	2.7	2.4	8.0
SSL5028-680M	68	40	100	0.14	2.2	2.0	7.0
SSL5028-101M	100	40	100	0.21	1.7	1.7	5.5
SSL5028-151M	150	50	100	0.30	1.3	1.3	4.8
SSL5028-221M	220	50	100	0.47	1.1	1.1	4.0
SSL5028-331M	330	50	100	0.78	0.86	0.86	3.0
SSL5028-471M	470	50	100	1.08	0.73	0.73	2.4
SSL5028-681M	680	60	100	1.40	0.64	0.64	2.0
SSL5028-102M	1000	60	100	2.01	0.53	0.53	1.0