
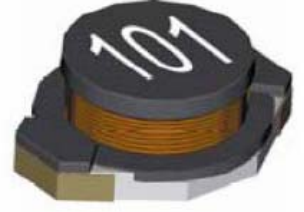


Power Inductor

TIS - SMD Power Inductor

RoHS

Power I/TIS


Part Number	Size Code	Shape Code	Inductance. (uH)	Tolerance (%)	Test Condition	DCR Max. (Ω)	IDC Max. (A)	Outline
TIS	0503	SD	0.56	±20%	100KHz, 0.1V	0.010	7.7	
			2.2	±20%	100KHz, 0.1V	0.035	3.5	
			3.3	±20%	100KHz, 0.1V	0.040	3.0	
			4.7	±20%	100KHz, 0.1V	0.054	2.6	
			6.8	±20%	100KHz, 0.1V	0.080	2.2	
			10	±20%	100KHz, 0.1V	0.111	1.9	
			15	±20%	100KHz, 0.1V	0.170	1.5	
			22	±20%	100KHz, 0.1V	0.250	1.2	
			33	±20%	100KHz, 0.1V	0.350	0.99	
			47	±20%	100KHz, 0.1V	0.470	0.87	
	68	±20%	100KHz, 0.1V	0.730	0.68			
	100	±20%	100KHz, 0.1V	1.110	0.53			
	0804	SD	1.0	±20%	100KHz, 0.1V	0.009	9.00	
			1.5	±20%	100KHz, 0.1V	0.010	8.00	
			2.2	±20%	100KHz, 0.1V	0.012	7.00	
			3.3	±20%	100KHz, 0.1V	0.015	6.40	
			4.7	±20%	100KHz, 0.1V	0.018	5.40	
			6.8	±20%	100KHz, 0.1V	0.027	4.60	
			10	±20%	100KHz, 0.1V	0.038	3.80	
			15	±20%	100KHz, 0.1V	0.046	3.00	
			22	±20%	100KHz, 0.1V	0.085	2.60	
			33	±20%	100KHz, 0.1V	0.100	2.00	
			47	±20%	100KHz, 0.1V	0.140	1.60	
			68	±20%	100KHz, 0.1V	0.200	1.40	
			100	±20%	100KHz, 0.1V	0.280	1.20	
			150	±20%	100KHz, 0.1V	0.400	1.00	
220			±20%	100KHz, 0.1V	0.610	0.80		
330			±20%	100KHz, 0.1V	1.020	0.60		
470	±20%	100KHz, 0.1V	1.270	0.50				
680	±20%	100KHz, 0.1V	2.020	0.40				
1000	±20%	100KHz, 0.1V	3.000	0.30				

Higher than 1mH is available upon request.

TIS - SMD Shielded Wire Wound Power Inductor

RoHS


Power I/TIS

Part Number	Size Code	Shape Code	Inductance. (uH)	Tolerance (%)	Test Condition	DCR Max. (Ω)	IDC Max. (A)	Outline
TIS	0628	L	4.7 ~ 100	±20%, ±30%	1KHz, 0.5V	0.036 ~ 0.062	0.64 ~ 2.50	
	0728		3.3 ~ 56		1KHz, 0.5V	0.037 ~ 0.420	0.45 ~ 1.60	
	0730		3.3 ~ 100		1KHz, 0.5V	0.023 ~ 0.450	0.35 ~ 1.80	
	0732		3.3 ~ 1000		1KHz, 0.5V	0.023 ~ 4.780	0.13 ~ 1.90	
	0745		3.3 ~ 1000		1KHz, 0.5V	0.020 ~ 2.280	0.25 ~ 2.30	
	1045		10 ~ 1500		1KHz, 0.5V	0.036 ~ 3.400	0.26 ~ 2.50	
	1255		6.0 ~ 1500		1KHz, 0.5V	0.0164 ~ 1.7300	0.48 ~ 4.90	
	1265		2.0 ~ 150		1KHz, 0.5V	0.0117 ~ 0.2730	1.20 ~ 6.20	
	1275		1.2 ~ 220		1KHz, 0.5V	0.069 ~ 0.258	1.30 ~ 8.20	

TIS - SMD Non-Shielded Wire Wound Power Inductor

RoHS

Power I/TIS

Part Number	Size Code	Shape Code	Inductance. (uH)	Tolerance (%)	Test Condition	DCR Max. (Ω)	IDC Max. (A)	Outline
TIS	31	B	1.0 ~ 390	±10%, ±20%	100KHz, 0.25V 1KHz, 0.25V	0.06 ~ 26.00	1.40 ~ 0.10	
	32		1.0 ~ 330		100KHz, 0.25V 1KHz, 0.25V	0.045 ~ 10.19	2.20 ~ 0.09	
	43		1.0 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.049 ~ 15.6	2.70 ~ 0.109	
	52		1.0 ~ 470		100KHz, 0.25V 1KHz, 0.25V	0.021 ~ 6.70	4.00 ~ 0.15	
	53		1.0 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.03 ~ 8.00	4.50 ~ 0.13	
	54		1.0 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.01 ~ 5.74	5.00 ~ 0.26	
	73		1.0 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.018 ~ 4.76	1.64 ~ 0.20	
	75		1.0 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.013 ~ 4.20	3.40 ~ 0.30	
	104		1.0 ~ 560		100KHz, 0.25V 1KHz, 0.25V	0.012 ~ 1.904	8.70 ~ 0.32	
	105		1.2 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.009 ~ 3.49	8.63 ~ 0.20	
	106		1.0 ~ 1000		100KHz, 0.25V 1KHz, 0.25V	0.008 ~ 3.00	9.50 ~ 0.46	