



**THE DATASHEET OF
LGJ7045TS-220M1R3-H**



Hi-Rel Magnetics	Inductance		Test Freq. (kHz)	DC Resistance		Rated DC Current	
	Spec. (uH)	Tol.		Spec. (Ohm)	Tol.	Idc 1 (A)	Idc 2 (A)
5	3.3uH	+/-20%	100	0.028	+/-20%	2.2	2.3
6	4.7uH	+/-20%	100	0.031	+/-20%	2.1	2.1
7	6.8uH	+/-20%	100	0.039	+/-20%	1.9	2.04
8	10uH	+/-20%	100	0.047	+/-20%	1.8	1.81
9	15uH	+/-20%	100	0.068	+/-20%	1.5	1.46
10	22uH	+/-20%	100	0.082	+/-20%	1.3	1.25
11	33uH	+/-20%	100	0.12	+/-20%	1.1	1.11
12	47uH	+/-20%	100	0.18	+/-20%	0.9	0.93
13	68uH	+/-20%	100	0.27	+/-20%	0.75	0.76
14	100uH	+/-20%	100	0.39	+/-20%	0.6	0.61
15	150uH	+/-20%	100	0.55	+/-20%	0.5	0.54
16	220uH	+/-20%	100	0.83	+/-20%	0.4	0.43
17	330uH	+/-20%	100	1.15	+/-20%	0.35	0.37
18	470uH	+/-20%	100	1.80	+/-20%	0.31	0.31

Note) : Idc 1: Depends on the Inductance Saturation. (-10% Saturation from initial L Value)

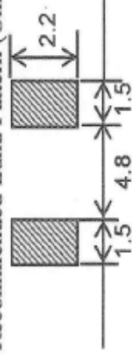
Idc 2: Depends on the self temperature rise. (+20°C typ.)

Operating temperature: -40°C ~ +125°C (Including self temperature rise)

Storage temperature: -40°C ~ 125°C



*Recommended Land Pattern (Unit : mm)



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