



THE DATASHEET OF LGJ7045TS-220M1R3-H

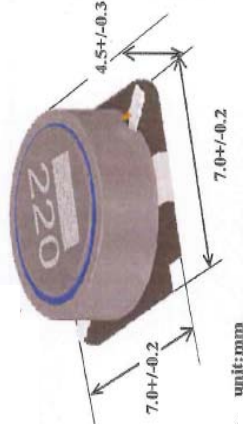
Hi-Rel Magnetics	Inductance Spec. (uH) Tol.	Test Freq. (kHz)	DC Resistance Spec. (Ohm) Tol.	Rated DC Current Idc 1 Idc 2 (A) (A)
5 LGJ7045TS-3R3M2R2-H	3.3uH +/-20%	100	0.028 +/-20%	2.2 2.3
6 LGJ7045TS-4R7M2R1-H	4.7uH +/-20%	100	0.031 +/-20%	2.1 2.1
7 LGJ7045TS-6R8M1R9-H	6.8uH +/-20%	100	0.039 +/-20%	1.9 2.04
8 LGJ7045TS-100M1R8-H	10uH +/-20%	100	0.047 +/-20%	1.8 1.81
9 LGJ7045TS-150M1R5-H	15uH +/-20%	100	0.068 +/-20%	1.5 1.46
10 LGJ7045TS-220M1R3-H	22uH +/-20%	100	0.082 +/-20%	1.3 1.25
11 LGJ7045TS-330M1R1-H	33uH +/-20%	100	0.12 +/-20%	1.1 1.11
12 LGJ7045TS-470MR90-H	47uH +/-20%	100	0.18 +/-20%	0.9 0.93
13 LGJ7045TS-680MR75-H	68uH +/-20%	100	0.27 +/-20%	0.75 0.76
14 LGJ7045TS-101MR60-H	100uH +/-20%	100	0.39 +/-20%	0.6 0.61
15 LGJ7045TS-151MR50-H	150uH +/-20%	100	0.55 +/-20%	0.5 0.54
16 LGJ7045TS-221MR40-H	220uH +/-20%	100	0.83 +/-20%	0.4 0.43
17 LGJ7045TS-331MR35-H	330uH +/-20%	100	1.15 +/-20%	0.35 0.37
18 LGJ7045TS-471MR31-H	470uH +/-20%	100	1.80 +/-20%	0.31 0.31

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

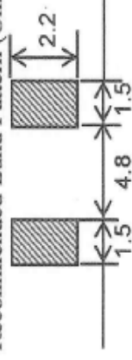
Idc 2: Depends on the self temperature rise. (+20°C typ.)

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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