



**THE DATASHEET OF
LGJ7045TS-471MR31-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)

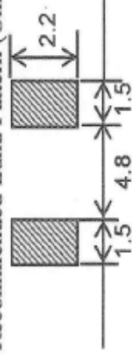
Idc 2: Depends on the self temperature rise. (+20°C typ.)

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

Storage temperature: -40°C ~ 125°C



*Recommended Land Pattern (Unit : mm)



Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View LGJ7045TS-471MR31-H on WIN SOURCE](#)

 [TDK Corporation](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management