

High Inductance Type SMD Inductors H·LI Series

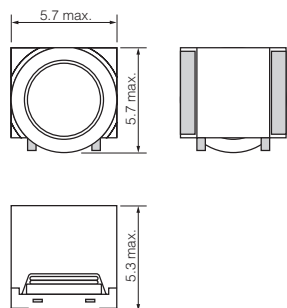
[RoHS Compliant]



| Model | Inductance at 160kHz, 500mV (mH) | DC resistance (Ω) max. | Rated current (mA) |
|---------------|--|---------------------------|-----------------------|
| H·LI-0505-202 | 2.0±20% | 10 | 100 |
| H·LI-0505-432 | 4.3±20% | 18 | 70 |
| H·LI-0505-502 | 5.0±20% | 20 | 40 |

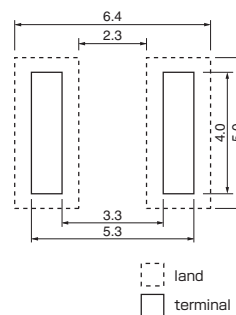
●Operating temperature range: -20 to +105°C (Including self-temperature rise)

Shape and Dimensions



[mm]

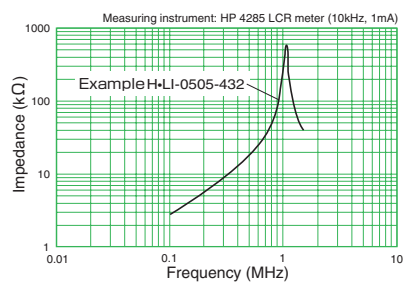
Recommended Land Pattern



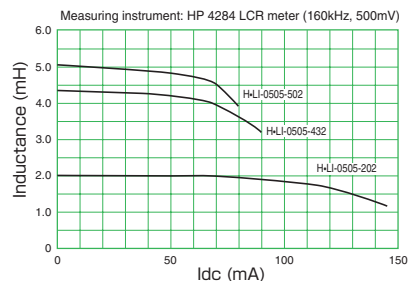
□ land
□ terminal

[mm]

Impedance vs. Frequency



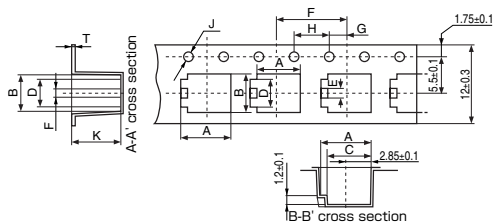
DC-Superposed Characteristics



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

H•LI-0505 Series (2000pcs./reel)

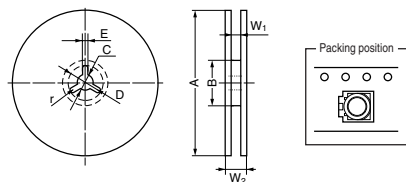
Dimensions of indented square hole plastic tape



[mm]

| A | B | C | D | E | F | G | H | J | K | t |
|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|--------|
| ± 0.1 | ± 0.1 | ± 0.1 | ± 0.1 | ± 0.1 | ± 0.1 | ± 0.1 | ± 0.1 | +0.1, -0 | ± 0.1 | ± 0.05 |
| 5.8 | 5.7 | 5.0 | 3.9 | 1.3 | 8.0 | 2.0 | 4.0 | ø1.5 | 5.4 | 0.4 |

Reel dimensions



[mm]

| A | B | C | D | E | r | W ₁ | W ₂ |
|-------|-------|-------|-------|-------|------|----------------|----------------|
| ± 2.0 | ± 5.0 | ± 0.5 | ± 1.0 | ± 0.5 | | ± 0.1 | ± 0.2 |
| 330 | 80 | 13 | 21 | 2.0 | R1.0 | 12.5 | 15.5 |



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