

# KGEA-WT

(33  $\mu$ H - 500  $\mu$ H)

## Keyless go emitter antenna winding heat shrink tube

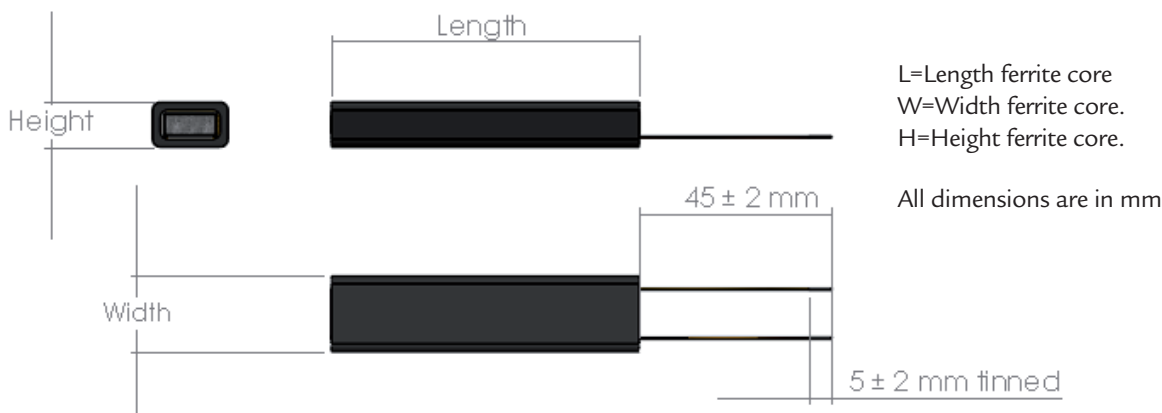
### Characteristics

This part can offer the possibility to welding directly on PCB or the customer directly over-molded for different applications of readers RF antennas and thus far reducing cost. The emitter antenna is covered by heat shrink tube to avoid handling problems.

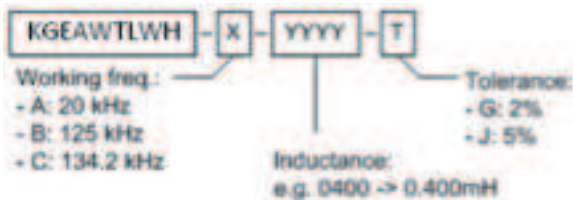
- High reading distance depending on the different sizes of the ferrites.
- Designed for a range of working frequency LF (20kHz, 125kHz and 134,2kHz).
- Antenna current. Max. 4 App, Duty 30%
- High stability in temperature (-40°C to +85°C).



### Dimensions



### Nomenclature Description



### Electrical specifications

| P/N                | L (mH) | Q    | SRF (MHz) | I <sub>pp</sub> máx (Amp)(*) | Freq. (kHz) |
|--------------------|--------|------|-----------|------------------------------|-------------|
| KGEAWT680703B0240J | 0.240  | >100 | >2.15     | 2-4                          | 125@        |
| KGEAWT680703B0322J | 0.332  | >115 | >2.15     | 2-4                          | 125@        |
| KGEAWT680703B0500J | 0.500  | >120 | >2.15     | 2-4                          | 125@        |
| KGEAWT680703C0300J | 0.300  | >125 | >2.15     | 2-4                          | 134,2@      |
| KGEAWT680703C0426J | 0.426  | >125 | >2.15     | 2-4                          | 134,2@      |
| KGEAWT801904B0322J | 0.322  | >110 | >2.15     | 2-4                          | 125@        |
| KGEAWT801904B0500J | 0.500  | >120 | >2.15     | 2-4                          | 125@        |
| KGEAWT801904B0345J | 0.345  | >100 | > 2.8     | 2-4                          | 125@        |

Tolerance J=5%.

This chart is a reference guide for the most common required values at working frequency of 20 kHz, 125 kHz or 134.2 kHz. Any other inductance value at LF or tighter tolerances can be provided. Please contact our sales department for any inquiry.

Sensitivity measured with Helmholtz coils H=8.36 App/m @125 kHz. Contact us for measurement specification.