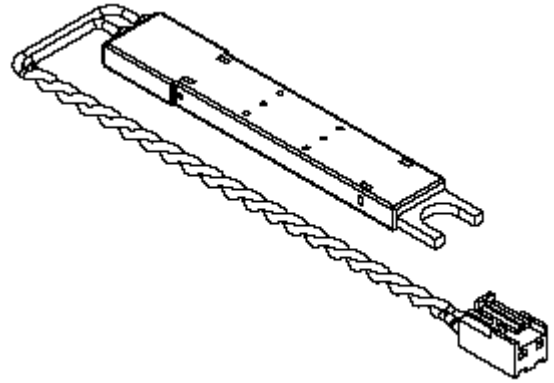
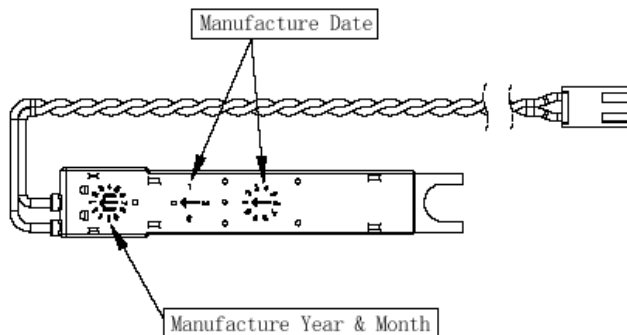
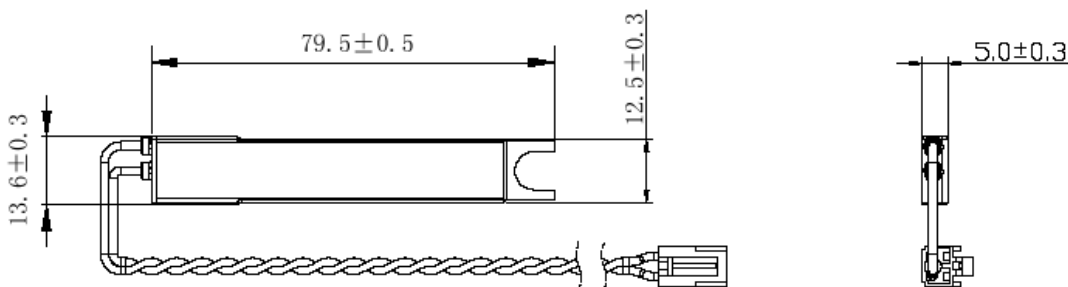


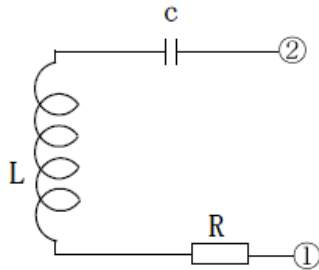
**Type: AS705B**
**◆ Product Description**

- L 80.0 mm x W 13.9mm x H 8.0mm (all max.)
- Operating temperature: -40°C~+85°C.

**◆ Feature**

- LF transmitter antenna.
- Small size installation space can be saved.
- Add "U" structure to make install easily.
- Match for TI & NXP IC, resonant frequency be pre-set to 125kHz, 134kHz or customization.
- Meeting protection against water degree IPX4K of ISO20653 by adding water-proof part.
- Ideally used in keyless smart entry system.
- Over molding, with / without harness and connector.
- RoHS Compliance.


**◆ Mechanical dimensions [ unit : mm]**


**Type: AS705B**
**◆ Schematic diagram**


L: Ferrite core coil inductance.

C: Tuning internal capacitor.

R: Copper resistance.

**◆ Electrical characteristic**

Part number	Tuning capacitance	Load Q	Resonant frequency	Resonant current	Load resistance
AS705B-125A	332	60.1	125.0±1.5kHz	1.2App	4.7Ω
AS705B-125B	472	52.1	125.0±1.5kHz	2.5App	2.2Ω
AS705B-125C	682	41.7	125.0±1.5kHz	2.8App	2.2Ω
AS705B-125D	822	30.5	125.0±1.5kHz	2.4App	3.3Ω
AS705B-125E	103	26.3	125.0±1.5kHz	2.6App	3.3Ω
AS705B-134A	332	65.2	134.2±1.5kHz	1.2App	4.7Ω
AS705B-134B	472	63.8	134.2±1.5kHz	2.5App	2.2Ω
AS705B-134C	682	36.3	134.2±1.5kHz	2.9App	2.2Ω
AS705B-134D	822	30.5	134.2±1.5kHz	2.5App	3.3Ω
AS705B-134E	103	25.8	134.2±1.5kHz	2.6App	3.3Ω
AS705B-20K	334	3.26	20.0±1.5kHz	2.2App	3.3Ω

\* It is possible for customer specification at harness length and connector form.

\* It is possible for other frequency.

**◆ Packaging specification**

- Using plastic tray packaging.
- Outside carton dimension: 500mm×300mm×175mm.
- Packaging quantity: 120pcs/ carton.