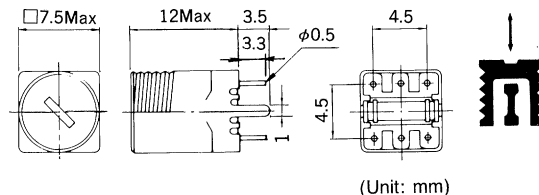


**7mm TYPE 7P**

Frequency Range: 200kHz-2MHz

Inductance Range: 10 $\mu$ H-2.6mHTemperature Coefficient: Inductor TC (L) 750 $\pm$ 500ppm/ $^{\circ}$ CWith Internal Capacitor TC (F) 0 $\pm$ 250ppm/ $^{\circ}$ CInternal Capacitance Value: 150-390pF<sup>(1)</sup>**Features**

- Ideal for use as an AM IFT and in oscillator circuits.
- Unique design features a cup core adjustor, threaded directly into the shield can, allowing the use of larger cores. This produces the superior, large signal characteristics typically associated with 10mm types.



(Unit: mm)

**STANDARD COILS SELECTION GUIDE**

(1) Cross slit core (Philips type) also available upon request.

**TYPE 7P**

| TOKO<br>Part<br>Number | Inductance<br>Range<br>( $\mu$ H) | Turns Ratio |         | Q<br>(min.) | Test<br>Frequency<br>(MHz) |
|------------------------|-----------------------------------|-------------|---------|-------------|----------------------------|
|                        |                                   | 1-3/1-2     | 1-3/4-6 |             |                            |
| 7BR-151208N2           | 150 $\pm$ 8%                      | 65:2        | 65:8    | 60          | 1.4                        |
| 7BR-271208N2           | 270 $\pm$ 8%                      | 43:1        | 43:4    | 60          | 1.4                        |
| 7BR-271308N2           | 270 $\pm$ 8%                      | 86:3        | 43:4    | 60          | 1.4                        |
| 7BR-331208N2           | 330 $\pm$ 8%                      | 95:2        | 95:8    | 60          | 1.4                        |
| 7BR-331308N2           | 330 $\pm$ 8%                      | 95:3        | 95:8    | 60          | 1.4                        |
| 7BR-361208N2           | 360 $\pm$ 8%                      | 50:1        | 25:2    | 60          | 1.4                        |
| 7BR-361308N2           | 360 $\pm$ 8%                      | 100:3       | 25:2    | 60          | 1.4                        |
| A7BRS-11859Z           | 100 $\pm$ 6%                      |             |         | 50          | 2.52                       |
| A7BRS-T1860Z           | 120 $\pm$ 6%                      |             |         | 80          | 0.796                      |
| A7BRS-T1861Z           | 150 $\pm$ 6%                      |             |         | 80          | 0.796                      |
| A7BRS-T1862Z           | 180 $\pm$ 6%                      |             |         | 80          | 0.796                      |
| A7BRS-T1863Z           | 220 $\pm$ 6%                      |             |         | 80          | 0.796                      |
| A7BRS-T1864Z           | 270 $\pm$ 6%                      |             |         | 85          | 0.796                      |
| A7BRS-T1865Z           | 330 $\pm$ 6%                      |             |         | 90          | 0.796                      |
| A7BRS-T1866Z           | 390 $\pm$ 6%                      |             |         | 90          | 0.796                      |
| A7BRS-T1867Z           | 470 $\pm$ 6%                      |             |         | 90          | 0.796                      |
| A7BRS-T1868Z           | 560 $\pm$ 6%                      |             |         | 100         | 0.796                      |
| A7BRS-T1869Z           | 680 $\pm$ 6%                      |             |         | 100         | 0.796                      |
| A7BRS-T1870Z           | 820 $\pm$ 6%                      |             |         | 100         | 0.796                      |
| A7BRS-T1871Z           | 1000 $\pm$ 6%                     |             |         | 100         | 0.796                      |

**TYPE 7P with Internal Capacitor**

| TOKO<br>Part<br>Number | Tuning<br>Capacitance<br>(pf) | Turns Ratio |         | Q<br>(min.) | Test<br>Frequency<br>(kHz) |
|------------------------|-------------------------------|-------------|---------|-------------|----------------------------|
|                        |                               | 1-3/2-3     | 1-3/4-6 |             |                            |
| 7LC-252142N0           | 180+5(ext)                    | 146:37      | 146:20  | 70          | 455                        |
| 7LC-252203N0           | 180+5(ext)                    | 146:37      | 146:3   | 70          | 455                        |
| 7LC-352142N0           | 180+5(ext)                    | 146:52      | 146:20  | 70          | 455                        |
| 7LC-352203N0           | 180+5(ext)                    | 146:52      | 146:3   | 70          | 455                        |
| 7LC-352353N0           | 180+5(ext)                    | 146:52      | 146:5   | 70          | 455                        |
| 7LC-352503N0           | 180+5(ext)                    | 146:52      | 146:7   | 70          | 455                        |
| 7LC-352713N0           | 180+5(ext)                    | 146:52      | 146:10  | 70          | 455                        |
| 7LC-452503N0           | 180+5(ext)                    | 146:66      | 146:7   | 70          | 455                        |
| 7MC-162503N0           | 180+5(ext)                    | 146:23      | 146:7   | 110         | 455                        |
| 7MC-202503N0           | 180+5(ext)                    | 146:29      | 146:7   | 110         | 455                        |
| 7MC-222162N0           | 180+5(ext)                    | 146:33      | 146:23  | 110         | 455                        |
| 7MC-312162N0           | 180+5(ext)                    | 146:46      | 146:23  | 110         | 455                        |
| 7MC-402353N0           | 180+5(ext)                    | 146:58      | 146:5   | 110         | 455                        |
| 7MC-402503N0           | 180+5(ext)                    | 146:58      | 146:7   | 110         | 455                        |
| 7MC-402563N0           | 180+5(ext)                    | 146:58      | 146:8   | 110         | 455                        |
| 7MC-452252N0           | 180+5(ext)                    | 146:66      | 146:37  | 110         | 455                        |
| 7MC-502503N0           | 180+5(ext)                    | 146:73      | 146:7   | 110         | 455                        |