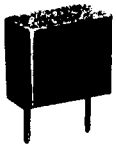


7BA fixed inductors

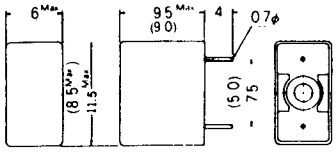
TOKO NOMENCLATURE SYSTEM FOR 7 BA

EXAMPLE

144L ( ) - 1R1( ) = 144 L ( ) 1R1 ( )

- 144 — (TOKO 7BA type)
- L — (Core material)
  L ferrite is employed for 1μH to 39μH.
  H ferrite is commonly used above 39μH.
- ( ) — (Pin pitch : Y 5mm, Z 7.5 mm)
- 1R1 — (Inductance value: μH or mH)
- ( ) — (Inductance tolerance:
  5% avaiable for values greater than 10μH only. J ± 5%, K ±10%
  M ±20%)

PHYSICAL DIMENSIONS



STANDARD 7 BA TYPE NUMBERS

TOKO numbers	Inductance value	DC Resist (Ω)	Rated DC curr. (mA)	Qu min	Qu & Lo measure Freq.
144L()-1RO()	1.0	1.0	30	30	7.96MHz
1R1()	1.1	1.0	30	30	7.96MHz
1R2()	1.2	1.0	30	30	7.96MHz
1R3()	1.3	1.0	30	30	7.96MHz
1R5()	1.5	1.0	30	30	7.96MHz
1R6()	1.6	1.0	30	30	7.96MHz
1R8()	1.8	1.0	30	30	7.96MHz
2RO()	2.0	1.0	30	30	7.96MHz
2R2()	2.2	1.0	30	30	7.96MHz
2R4()	2.4	1.0	30	30	7.96MHz
2R7()	2.7	1.0	30	30	7.96MHz
3RO()	3.0	1.0	30	30	7.96MHz
3R3()	3.3	1.0	30	30	7.96MHz
3R6()	3.6	1.0	30	30	7.96MHz
3R9()	3.9	1.0	30	30	7.96MHz
4R3()	4.3	1.5	30	30	7.96MHz
4R7()	4.7	1.5	30	30	7.96MHz
5R1()	5.1	1.5	30	30	7.96MHz
5R6()	5.6	1.5	30	30	7.96MHz
6R2()	6.2	1.5	30	30	7.96MHz
6R8()	6.8	1.5	30	30	7.96MHz
7R5()	7.5	1.5	30	30	7.96MHz
8R2()	8.2	1.5	30	30	7.96MHz
9R1()	9.1	1.5	30	30	7.96MHz
100()	10.0	2.0	30	30	7.96MHz

STANDARD 7BA TYPE NUMBERS

TOKO numbers	Inductance value (μH)	DC Resist (Ω)	Rated DCcurr. (mA)	Qu min	Qu & Lo measure Freq.
144L()-110	11.0	2.0	30	30	2.52MHz
120	12.0	2.0	30	30	2.52MHz
130	13.0	2.0	30	30	2.52MHz
150	15.0	2.0	30	30	2.52MHz
160	16.0	2.0	30	30	2.52MHz
180	18.0	2.0	30	30	2.52MHz
200	20.0	2.0	30	30	2.52MHz
220	22.0	2.0	30	30	2.52MHz
240	24.0	2.5	30	30	2.52MHz
270	27.0	2.5	30	30	2.52MHz
300	30.0	2.5	30	30	2.52MHz
330	33.0	2.5	30	30	2.52MHz
360	36.0	2.5	30	30	2.52MHz
390	39.0	2.5	30	30	2.52MHz
144H()-430	43.0	3.0	30	30	2.52MHz
470	47.0	3.0	30	30	2.52MHz
510	51.0	3.0	30	30	2.52MHz
560	56.0	3.0	30	30	2.52MHz
620	62.0	3.0	30	30	2.52MHz
680	68.0	3.0	30	30	2.52MHz
750	75.0	3.0	30	30	2.52MHz
820	82.0	4.0	30	30	2.52MHz
910	91.0	4.0	30	30	2.52MHz
101	100.0	4.0	30	30	796KHz
111	110.0	4.0	30	30	796KHz
121	120.0	4.0	30	30	796KHz
131	130.0	4.0	30	30	796KHz
151	150.0	4.0	30	30	796KHz
161	160.0	6.0	30	30	796KHz
181	180.0	6.0	30	30	796KHz
201	210.0	6.0	30	30	796KHz
221	220.0	6.0	30	30	796KHz
241	240.0	6.0	30	30	796KHz
271	270.0	6.0	30	30	796KHz
301	300.0	6.0	30	30	796KHz
331	330.0	6.0	30	30	796KHz
361	360.0	9.0	30	30	796KHz
391	390.0	9.0	30	30	796KHz
431	430.0	9.0	30	30	796KHz
471	470.0	9.0	30	30	796KHz
511	510.0	9.0	30	30	796KHz
561	560.0	10.0	30	30	796KHz
621	620.0	10.0	30	30	796KHz
681	680.0	12.0	30	30	796KHz
751	750.0	12.0	30	30	796KHz
821	820.0	12.0	30	30	796KHz
911	910.0	14.0	30	30	796KHz
102	1000.0	14.0	30	30	796KHz