

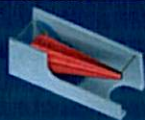


## Engineering Kits

Piconics Engineering Kits are an RF Designers best friend. Now you can have high quality inductors from Piconics right at your fingertips. Each kit contains up to 5 pieces each of 5 to 6 different inductors to assist you during the design phase. Broadband Conical Inductor kits are available in Flying Lead and SMT styles with performance to 65 GHz and beyond. The -X Conical kit features a lower loss fill material for RF Power Applications.

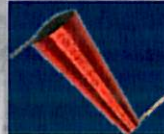
The Gold and Copper Air Coil kits are for narrower band applications up to 20 GHz.

Contact a Piconics representative to request your kit today.



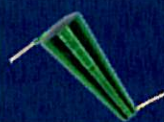
### SMT (Broadband Conical) Inductor Kit #2

CC19T40K240G5-C	CC21T36K240G5-C	CC45T47K240G5-C2
L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)
.220 700	.425 1000	.840 160
CC50T40K240G5-C	CC82T44K240G5-C	CC110T47K240G5-C
L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)
1.65 400	6.70 180	8.00 100



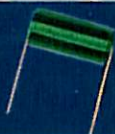
### -X Conical (RF Power Applications) Inductor Kit #3

CC21T36K240G5-B	CC21T36K240G5-X	CC12T30K240G5-X
L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)
0.260 1000	0.150 1000	0.060 3000
CC25T30K240G5-X		CC31T30K240G5-X
L(uH) I <sub>max</sub> (mA)		L(uH) I <sub>max</sub> (mA)
0.275 2500		0.450 2250



### Flying Lead (Broadband Conical) Inductor Kit #1

CC21T36K240G5	CC25T47K240G5	CC45T47K240G5
L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)
.425 1000	.250 230	.840 160
CC50T40K240G5	CC75T36K240G5	CC110T47K240G5
L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)	L(uH) I <sub>max</sub> (mA)
1.65 400	6.93 650	8.00 100



### Gold Air Coil (High Frequency Applications) Inductor Kit #4

MG3T47.018SXS-00	MG5T47.018SXS-00	MG10T47.018SXS-00
L(nH)	L(nH)	L(nH)
8 ±10%	15 ±10%	40 ±10%
MG15T47.018SXS-00	MG20T47.018SXS-00	MG30T47.018SXS-00
L(nH)	L(nH)	L(nH)
60 ±10%	95 ±10%	150 ±10%



### Copper Air Coil (High Frequency Applications) Inductor Kit #5

MK3T47.018SXS-00	MK5T47.018SXS-00	MK10T47.018SXS-00
L(nH)	L(nH)	L(nH)
8 ±10%	15 ±10%	35 ±10%
MK15T47.018SXS-00	MK20T47.018SXS-00	MK30T47.018SXS-00
L(nH)	L(nH)	L(nH)
60 ±10%	85 ±10%	140 ±10%

Order online @ [piconics.com/engineering-kits](http://piconics.com/engineering-kits)

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26 Cummings Road | Tyngsboro, Mass 01879 | P: 978.649.7501 | [sales@piconics.com](mailto:sales@piconics.com)

