



FERRONIKITS

Provide a handy selection of ferrite cores for prototype designing and emergency “debugging”. Each kit contains a variety of standard cores useful in particular groups of applications.

11-V (V TOROIDS)

This kit contains toroids manufactured from 15,000 μ i material and is suited for applications requiring high permeability with temperature stability. Pulse transformers and filters are typical applications.

11-T (T TOROIDS)

This kit contains toroids manufactured from 10,000 μ i material and is suited for applications requiring high permeability. Pulse transformers and filters are typical applications.

11-B (B TOROIDS)

This kit contains toroids manufactured from 5000 μ i material and is suited for applications where high permeability and low power losses are required. Typical applications are pulse transformers, converters, power transformers, inductors, and wide band transformers operating at low frequencies.

11-G (G TOROIDS)

This kit contains toroids manufactured from 1500 μ i material and is suited for applications where high levels of broadband impedance is desired. Filters and RF transformers are typical applications.

11-J (J TOROIDS)

This kit contains toroids manufactured from 850 μ i material. Typical applications include wide band transformers and RF chokes operating above 5 MHz.

11-K (K TOROIDS)

This kit contains toroids manufactured from 125 μ i material and is suited for high frequency applications where high Q above 1 MHz is required. Typical applications are RF inductors, RF power transformers, tuned inductors and transformers, impedance matching transformers, and wide band transformers operating above 20 MHz.

11-P (P TOROIDS)

This kit contains toroids manufactured from 40 μ i material. It is suited for very high frequency applications, such as transformers or inductors, where high Q above 10 MHz is required.

12-J (J TWIN HOLE CORES)

This kit contains twin hole beads and baluns manufactured from 850 μ i material. These parts are particularly suited for wide band transformers, baluns splitters and taps operating in the 5 MHz to 1,000 MHz range.

12-K (K TWIN HOLE CORES)

This kit contains twin hole beads and baluns manufactured from 125 μ i material. These parts are best suited as wide band transformers, baluns, splitters and taps operating above 20 MHz.

21-O BEADS

This kit contains ferrite beads manufactured from Ferronics B and J materials and is suitable for noise suppression applications. Ferronics B is best for attenuating unwanted signals in the 1 to 100 MHz range. Ferronics J is useful from 10 MHz up.

EMI/RFI

This kit contains a variety of products commonly utilized to solve EMI/RFI problems at the board level. Parts include single and multi-hole beads, beads on leads, six hole chokes and Z-MAX chokes. Materials covered are B, J, and K.

**24-0 EMI/RFI
Kits Contain:**

24 Each 12-340-J
 24 Each 12-345-B
 24 Each 12-345-J
 24 Each 12-345-K
 12 Each 12-390-J
 12 Each 12-390-K
 24 Each 21-031-B
 24 Each 21-031-J
 12 Each 21-201-B
 12 Each 21-201-J
 4 Each 21-227-B
 4 Each 21-227-J
 12 Each 54-100-1
 12 Each 54-120-1
 12 Each 54-140-1
 12 Each 82-151-J
 12 Each 82-151-K
 12 Each 82-152-J
 12 Each 92-130-J
 12 Each 92-132-J

**21-0 BEAD
Kits Contain:**

24 Each P/N 21-030-B
 24 Each P/N 21-031-B
 24 Each P/N 21-030-J
 24 Each P/N 21-031-J
 24 Each P/N 21-110-J
 12 Each P/N 21-201-J
 12 Each P/N 21-210-B

**12-K BALUN
Kits Contain:**

24 Each P/N 12-328-K
 12 Each P/N 12-330-K
 24 Each P/N 12-315-K
 24 Each P/N 12-340-K
 12 Each P/N 12-345-K
 12 Each P/N 12-360-K
 6 Each P/N 12-365-K

**12-J BALUN
Kits Contain:**

24 Each P/N 12-328-J
 12 Each P/N 12-330-J
 24 Each P/N 12-340-J
 12 Each P/N 12-345-J
 12 Each P/N 12-350-J
 12 Each P/N 12-360-J
 6 Each P/N 12-365-J

**11-V^(1,2) TOROID
Kits Contain:**

24 Each P/N 11-510-
 24 Each P/N 11-543-
 24 Each P/N 11-550-
 24 Each P/N 11-562-
 24 Each P/N 11-620-
 24 Each P/N 11-622-
 12 Each P/N 11-660-

**11-G AND 11-T^(1,2)
TOROID
Kits Contain:**

24 Each P/N 11-510-
 24 Each P/N 11-512-
 24 Each P/N 11-540-
 24 Each P/N 11-550-
 24 Each P/N 11-580-
 24 Each P/N 11-620-
 24 Each P/N 11-622-

**11-B, 11-K, 11-J
AND 11-P⁽¹⁾ TOROID
Kits Contain:**

24 Each P/N 11-040-
 24 Each P/N 11-050-
 24 Each P/N 11-080-
 24 Each P/N 11-120-
 12 Each P/N 11-220-
 6 Each P/N 11-250-
 6 Each P/N 11-260-

NOTES:

1. Complete P/N includes material designation, i.e. 11-220-B. Each toroid kit contains one material type. Properties, effective dimensions and A_L values for each size are included.
2. All kit parts are Parylene C coated. G toroids are available uncoated. T and V toroids are available coated only.