
Chip Bead Kit

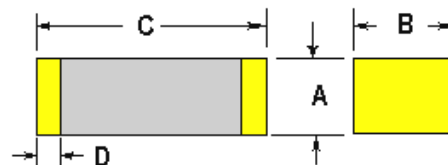
(Part Number 0199000018)

Fair-Rite's Chip Bead Kit contains 20 different chip beads in four different EIA standard package sizes. This kit contains low current, medium current, as well as high current chip beads. Also included in this kit are a selection of standard and high signal speed parts. Standard speed signal chip beads are designed for general noise suppression over a wide frequency range. The high speed signal chip beads offer low impedance at frequencies below 50 MHz and then the impedance increases rapidly to its peak at >100 MHz. Fair-Rite's chip beads are controlled 100% for impedance and DCR. Chip Beads are suitable for both wave and reflow solder processes. Chip beads are used to suppress EMI in a wide variety of devices such as computers, cellular phones, digital communication equipment, televisions, pagers, and VCRs.

For detailed chip bead specifications, refer to Table 1.

Part Number System: Example 2512063017Y1

25	1206	301	7	Y	1
Chip Bead Code	Package Size Code	Impedance Code	Packaging Code	Material Code	Current Code
			6= Bulk Packed	Y = Standard Signal Speed	0 < 1.0A
			7= Taped and Reeled 7" Reel	Z= High Signal Speed	1 ≥ 1.0A < 2.0A
			8= Taped and Reeled 13" Reel		3 ≥ 3.0A < 4.0A
					6 ≥ 6.0A < 7.0A



Side View

Dimensions (Bold numbers are in millimeters, *light numbers are nominal in inches.*)

Current	Part Number	Pkg. Size	Dimensions				Z(Ω) $\pm 25\%$ @ 100 MHz	Max. DCR ohm	Max. Current mA	Signal Speed
			A	B	C	D				
Low (<1 Amp)	2506033007Y0	0603	0.3 ± 0.3 .012	0.8 ± 0.3 .031	1.6 ± 0.15 .063	0.4 ± 0.2 .016	30	0.1	200	Standard
	2506031217Y0						120	0.4	150	Standard
	2506033017Y0						300	0.6	100	Standard
	2506033017Z0						300	0.85	100	High
	2506036017Y0						600	0.8	100	Standard
	2508051107Y0	0805	0.9 ± 0.2 .035	1.25 ± 0.2 .049	2.0 ± 0.2 .079	0.45 ± 0.35 .018	11	0.1	300	Standard
	2508051217Y0						120	0.3	300	Standard
	2508051217Z0						120	0.9	300	High
	2508056017Y0						600	0.6	200	Standard
	2508051027Y0						1000	0.8	100	Standard
	2512063007Y0	1206	1.1 ± 0.2 .043	1.6 ± 0.2 .063	3.2 ± 0.2 .126	0.55 ± 0.45 .022	30	0.1	500	Standard
	2512069007Y0						90	0.2	300	Standard
	2512063017Y0						300	0.3	200	Standard
	2512066017Y0						600	0.6	200	Standard
	2518061517Y0	1806	1.6 ± 0.2 .063	1.6 ± 0.2 .063	4.5 ± 0.2 .177	0.55 ± 0.45 .022	150	0.3	400	Standard
Med (1-3 Amps)	2506033007Y1	0603	0.3 ± 0.3 .012	0.8 ± 0.3 .031	1.6 ± 0.15 .063	0.4 ± 0.2 .016	30	0.1	1000	Standard
	2512067007Y3	1206	1.1 ± 0.2 .043	1.6 ± 0.2 .063	3.2 ± 0.2 .126	0.55 ± 0.45 .022	70	0.05	3000	Standard
	2512066017Y1						600	0.3	1000	Standard
	2518066007Y3	1806	1.6 ± 0.2 .063	1.6 ± 0.2 .063	4.5 ± 0.2 .177	0.55 ± 0.45 .022	60	0.04	3000	Standard
High (>3 Amps)	2518065007Y6	1806	1.6 ± 0.2 .063	1.6 ± 0.2 .063	4.5 ± 0.2 .177	0.55 ± 0.45 .022	50	0.01	6000	Standard

Table 1