

FAIR-RITE Soft Ferrites and Kits



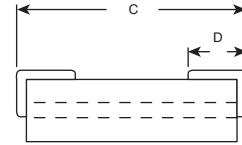
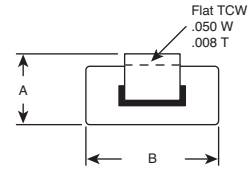
Fair-Rite Products Corp. SURFACE MOUNT EMI SHIELD BEADS

The rugged construction decreases DC resistance and increases current carrying capacity compared with plated beads.

- Features:**
- Offered in low frequency (73), broadband (43) and high frequency (61) materials

Lead Free For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Typical Imp.		Dimensions: in.				Price Each				
	(Ω)	MHz	A	B	C	D	1	100	500	1000	2000
623-2773019447LF	40	25	.112	.120	.184	.059	.21	.19	.14	.124	.11
623-2773021447LF	78	25	.112	.120	.359	.059	.22	.17	.14	.14	.14
623-2743019447LF	47	100	.112	.120	.184	.059	.12	.11	.09	.079	.068
623-2743021447LF	95	100	.112	.120	.359	.059	.14	.12	.10	.09	.081
623-2761021447LF	100	250	.112	.120	.184	.059	.30	.26	.19	.17	.15



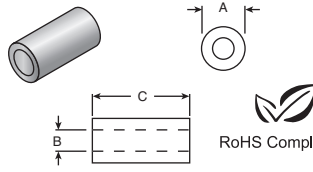
DIMENSIONS: in.

EMI Suppression

Fair-Rite

Fair-Rite Products Corp. EMI SHIELD BEADS

Beads with a "1" as the last digit of the part number are not burnished, those with the last digit "2" are supplied burnished to break the sharp edges.



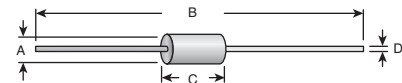
- Applications:**
- Recommended suppression material of unwanted signals between 20MHz and 200MHz

DIMENSIONS: in.

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Typ. Imp. (Ω) @ 100MHz	Dimensions: in.			Price Each			
		A	B	C	1	100	500	1000
623-2643002402	43	0.380	0.197	0.190	.07	.06	.055	.051
623-2643000801	92	0.296	0.094	0.297	.08	.048	.047	.046
623-2643250402	102	0.250	0.125	0.500	.11	.10	.09	.08
623-2643021801	131	0.200	0.062	0.437	.08	.07	.06	.053

Fair-Rite Products Corp. EMI SHIELD BEADS ON LEADS



- Features:**
- Beads on oxygen free, high conductivity copper
 - Offered in low frequency (73), broadband (43), and high frequency (61) material

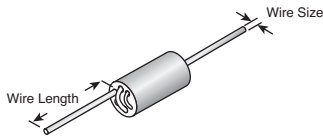


DIMENSIONS: in.

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Typical Imp.		Dimensions: in.				Price Each				
	(Ω)	MHz	A	B	C	D	1	100	500	1000	
Lead Free											
623-2743001112LF	68	100	.138	2.440	.175	22AWG	.13	.11	.10	.08	
623-2743002112LF	133	100	.138	2.440	.350	22AWG	.10	.07	.06	.055	
623-2743009112LF	220	100	.138	2.440	.545	22AWG	.18	.17	.14	.12	

Fair-Rite Products Corp. WOUND EMI SHIELD BEADS

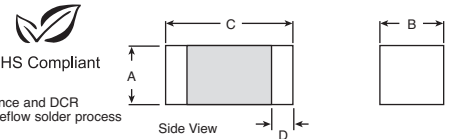


- Features:**
- Wire used for winding is oxygen free, high conductivity copper
 - Offered in broadband (44) and high frequency (61) materials

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Typical Imp.		Turns	Wire Size	Wire Length (In.)	Price Each			
	(Ω)	MHz				1	100	500	1000
Lead Free									
623-2944666671LF	850	50	2 1/2	24AWG	1.5	.37	.32	.30	.26
623-2961666671LF	845	100	2 1/2	24AWG	1.5	.40	.35	.32	.301

Fair-Rite Products Corp. EMI SUPPRESSION CHIP BEADS

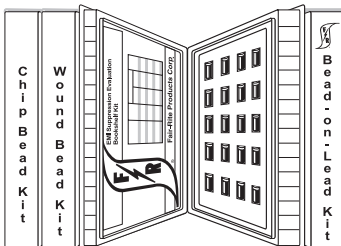


- Features:**
- Standard Signal Speed
 - Controlled 100% for impedance and DCR
 - Suitable for both wave and reflow solder process

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Z(Ω)±25% @100MHz	Max Current (mA)	Dimensions: in.				Price Each			
			A	B	C	D	1	100	500	1000
623-2518065007Y6	50	6000	.063	.063	.177	.024	.13	.07	.06	.053
623-2512067007Y3	70	3000	.043	.063	.126	.022	.05	.04	.038	.03
623-2518068007Y6	80	6000	.063	.063	.177	.024	.13	.07	.06	.053
623-2518121217Y6	80	6000	.063	.126	.177	.022	.23	.19	.14	.13
623-2506033017Y0	300	100	.031	.031	.063	.016	.20	.10	.08	.065
623-2506036017Y0	600	100	.031	.031	.063	.016	.04	.03	.029	.026
623-2508056017Y0	600	200	.035	.049	.079	.018	.04	.03	.023	.019
623-2512066017Y1	600	1000	.043	.063	.126	.022	.07	.05	.047	.043

Fair-Rite Products Corp. KITS



MOUSER STOCK NO.	Type	Description	Price Each
623-019917	Snap-It Cable Suppressor Kit	This kit contains 6 sizes of each in suppression materials 44 and 31 that "snap on" to installed cables. Either material in the snap-its can be used to suppress frequencies up to 500MHz.	65.17
623-019918	Chip Bead Kit	This kit provides 20 different chip bead parts in four different EIA standard package sizes. It includes low, medium, and high current chip beads. Also included are a selection of low, standard and high speed parts.	51.55
623-019919	EMI Suppression Shield Bead Kit	This kit contains different EMI suppression beads ranging in hole diameter from dia. from 0.85mm to 5.0mm in both 73 and 43 materials for frequencies between 20-200MHz.	52.80
623-019924	RFID Kit	This kit contains 10 different size rods in 78 and 61 materials centered around 125KHz and 13.56MHz.	81.67
623-019925	Surface Mount Bead Kit	This kit contains an assortment of 20 different differential and common mode surface mount suppressors in 73, 43, 44, and 61 materials. These beads attenuate conducted EMI from 1MHz to the GHz frequencies.	52.80
623-019927	Wound Bead Kit	This kit contains an assortment of 6 and 11 hole beads in 44 and 61 materials wound in various configurations.	52.80
623-019928	Bead-on-Lead Kit	This kit contains 3 of the most popular bead sizes in materials 73, 43 and 61.	52.80