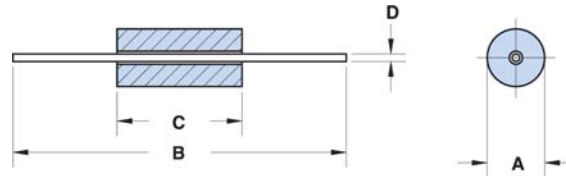


Ferrite suppression beads are supplied assembled on tinned copper wire for automated circuit board assembly.



- Parts with a "2" as the last digit of the part number are supplied taped and reeled per IEC 60286-1 and EIA RS-296-F standards. Taped and reeled parts are supplied 4500 pieces on a 14" reel. Taping details: Component pitch 5 mm. Inside tape spacing 52.5 mm. Tape width 6 mm.
- Beads-on-leads can be supplied bulk packed. The last digit of bulk packed parts is a "1".
- Wires are oxygen free high conductivity copper with 100% matte tin plating over a nickel undercoating. The resistance of the wire is 3.5 mOhm for the 22 AWG and 2.2 mOhm for the 20 AWG wire.
- Beads-on-leads are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%. The impedances of the 73 & 43 beads-on-leads are measured on the 4193A Vector Impedance Analyzer. The 61 beads-on-leads are tested for impedance on the 4291A RF Impedance Analyzer.
- Performance curves for these suppression components are on our web site.
- For any bead-on lead requirement not listed here, feel free to contact our customer service group for availability and pricing.
- Our "Bead-on-Lead Suppression Kit" (part number 0199000028) is available for prototype evaluation.
- Explanation of Part Numbers: Digits 1&2 = product class, 3&4 = material grade and last digit 1 = bulk packed, 2 = taped and reeled.

Legend

Dimensions (Top numbers are in millimeters, bottom numbers are in nominal inches.)

* Test frequency

Lower Frequencies < 50 MHz (73 material)

Part Number	A	B	C	D	Wt. (g)	Impedance (Ω)				Reel Information		
						1 MHz	5 MHz	10 MHz ⁺	25 MHz ⁺	Tape Width mm	Pitch mm	Parts 14" Reel
2773001112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	4.45 ±0.25 0.175	0.65 22 AWG	0.40	12	34	48	61	6	5	4500
2773001111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	4.45 ±0.25 0.175	0.65 22 AWG	0.40	12	34	48	61	-	-	-
2773015112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	5.25 ±0.25 0.206	0.65 22 AWG	0.40	17	43	55	68	6	5	4500
2773015111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	5.25 ±0.25 0.206	0.65 22 AWG	0.40	17	43	55	68	-	-	-
2773005112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	6.00 ±0.25 0.236	0.65 22 AWG	0.40	22	51	63	78	6	5	4500
2773005111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	6.00 ±0.25 0.236	0.65 22 AWG	0.40	22	51	63	78	-	-	-
2773003112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	6.70 ±0.25 0.263	0.65 22 AWG	0.50	26	59	70	86	6	5	4500
2773003111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	6.70 ±0.25 0.263	0.65 22 AWG	0.50	26	59	70	86	-	-	-
2773004112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	7.60 ±0.30 0.300	0.65 22 AWG	0.50	30	69	80	100	6	5	4500

Lower Frequencies < 50 MHz (73 material)

Part Number	A	B	C	D	Wt. (g)	Impedance (Ω)				Reel Information		
						1 MHz	5 MHz	10 MHz ⁺	25 MHz ⁺	Tape Width mm	Pitch mm	Parts 14" Reel
2773004111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	7.60 \pm 0.30 0.300	0.65 22 AWG	0.50	30	69	80	100	-	-	-
2773002112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	8.90 \pm 0.30 0.350	0.65 22 AWG	0.60	36	84	94	115	6	5	4500
2773002111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	8.90 \pm 0.30 0.350	0.65 22 AWG	0.60	36	84	94	115	-	-	-
2773007112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	9.50 \pm 0.30 0.374	0.65 22 AWG	0.60	38	90	110	115	6	5	4500
2773007111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	9.50 \pm 0.30 0.374	0.65 22 AWG	0.60	38	90	110	115	-	-	-
2773008112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	11.40 \pm 0.40 0.450	0.65 22 AWG	0.70	43	112	125	145	6	5	4500
2773008111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	11.40 \pm 0.40 0.450	0.65 22 AWG	0.70	43	112	125	145	-	-	-
2773009112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	13.80 \pm 0.50 0.545	0.65 22 AWG	0.70	46	138	151	170	6	5	4500
2773009111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	13.80 \pm 0.50 0.545	0.65 22 AWG	0.70	46	138	151	170	-	-	-

Broadband Frequencies 25-300 MHz (43 material)

Part Number	A	B	C	D	Wt. (g)	Impedance (Ω)				Reel Information		
						10 MHz	25 MHz ⁺	100 MHz ⁺	250 MHz	Tape Width mm	Pitch mm	Parts 14" Reel
2743001112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	4.45 \pm 0.25 0.175	0.65 22 AWG	0.40	31	49	68	65	6	5	4500
2743001111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	4.45 \pm 0.25 0.175	0.65 22 AWG	0.40	31	49	68	65	-	-	-
2743015112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	5.25 \pm 0.25 0.206	0.65 22 AWG	0.40	36	54	82	78	6	5	4500
2743015111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	5.25 \pm 0.25 0.206	0.65 22 AWG	0.40	36	54	82	78	-	-	-
2743005112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 0.244	6.00 \pm 0.25 0.236	0.65 22 AWG	0.40	40	60	91	90	6	5	4500
2743005111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 0.244	6.00 \pm 0.25 0.236	0.65 22 AWG	0.40	40	60	91	90	-	-	-
2743003112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 0.244	6.70 \pm 0.25 0.263	0.65 22 AWG	0.50	44	65	100	101	6	5	4500
2743003111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 0.244	6.70 \pm 0.25 0.263	0.65 22 AWG	0.50	44	65	100	101	-	-	-
2743004112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	7.60 \pm 0.30 0.300	0.65 22 AWG	0.50	50	75	110	115	6	5	4500
2743004111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	7.60 \pm 0.30 0.300	0.65 22 AWG	0.50	50	75	110	115	-	-	-
2743002112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	8.90 \pm 0.30 0.350	0.65 22 AWG	0.60	57	88	133	134	6	5	4500
2743002111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	8.90 \pm 0.30 0.350	0.65 22 AWG	0.60	57	88	133	134	-	-	-
2743007112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	9.50 \pm 0.30 0.374	0.65 22 AWG	0.60	61	96	150	143	6	5	4500
2743007111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	9.50 \pm 0.30 0.374	0.65 22 AWG	0.60	61	96	150	143	-	-	-
2743008112	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	11.40 \pm 0.40 0.450	0.65 22 AWG	0.70	72	116	180	168	6	5	4500
2743008111	3.50 \pm 0.25 0.138	62.00 \pm 1.50 2.440	11.40 \pm 0.40 0.450	0.65 22 AWG	0.70	72	116	180	168	-	-	-

Broadband Frequencies 25-300 MHz (43 material)

Part Number	A	B	C	D	Wt. (g)	Impedance (Ω)				Reel Information		
						10 MHz	25 MHz ⁺	100 MHz ⁺	250 MHz	Tape Width mm	Pitch mm	Parts 14" Reel
2743009112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	13.80 ±0.50 0.545	0.65 22 AWG	0.70	86	143	220	196	6	5	4500
2743009111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	13.80 ±0.50 0.545	0.65 22 AWG	0.70	86	143	220	196	-	-	-
2743012201	9.80 ±0.30 0.385	62.00 ±1.50 2.440	11.40 ±0.40 0.449	0.80 20 AWG	4.50	121	193	271	253	-	-	-
2743013211	9.80 ±0.30 0.385	62.00 ±1.50 2.440	14.00 ±0.50 0.550	0.80 20 AWG	5.50	147	235	331	281	-	-	-
2743014221	9.80 ±0.30 0.385	62.00 ±1.50 2.440	16.50 ±0.50 0.650	0.80 20 AWG	6.50	173	280	391	296	-	-	-

Higher Frequencies 250-1000 MHz (61 material)

Part Number	A	B	C	D	Wt. (g)	Impedance (Ω)				Reel Information		
						100 MHz	250 MHz ⁺	500 MHz ⁺	1000 MHz	Tape Width mm	Pitch mm	Parts 14" Reel
2761001112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	4.45 ±0.25 0.175	0.65 22 AWG	0.40	52	72	83	90	6	5	4500
2761001111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	4.45 ±0.25 0.175	0.65 22 AWG	0.40	52	72	83	90	-	-	-
2761015112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	5.25 ±0.25 0.206	0.65 22 AWG	0.40	62	85	97	105	6	5	4500
2761015111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	5.25 ±0.25 0.206	0.65 22 AWG	0.40	62	85	97	105	-	-	-
2761004112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	7.60 ±0.30 0.300	0.65 22 AWG	0.50	89	121	138	148	6	5	4500
2761004111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	7.60 ±0.30 0.300	0.65 22 AWG	0.50	89	121	138	148	-	-	-
2761002112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	8.90 ±0.30 0.350	0.65 22 AWG	0.60	105	142	161	171	6	5	4500
2761002111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	8.90 ±0.30 0.350	0.65 22 AWG	0.60	105	142	161	171	-	-	-
2761007112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	9.50 ±0.30 0.374	0.65 22 AWG	0.60	112	151	171	182	6	5	4500
2761007111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	9.50 ±0.30 0.374	0.65 22 AWG	0.60	112	151	171	182	-	-	-
2761008112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	11.40 ±0.40 0.450	0.65 22 AWG	0.70	134	181	204	217	6	5	4500
2761008111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	11.40 ±0.40 0.450	0.65 22 AWG	0.70	134	181	204	217	-	-	-
2761009112	3.50 ±0.25 0.138	62.00 ±1.50 2.440	13.80 ±0.50 0.545	0.65 22 AWG	0.70	162	218	246	261	6	5	4500
2761009111	3.50 ±0.25 0.138	62.00 ±1.50 2.440	13.80 ±0.50 0.545	0.65 22 AWG	0.70	162	218	246	261	-	-	-