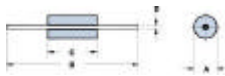


Beads on Leads

Beads are supplied assembled on tinned copper wire to aid automated circuit assembly.



- Parts with a "2" as the last digit of the part number are supplied taped and reeled per IEC 60286-1 and EIA Standard RS-296-E. Taped and reeled parts are supplied 4500 pieces on a 14" reel. Inside tape spacing is **52.4±1.5** mm. These parts can also be supplied not taped and reeled and are then bulk packed. The last digit of bulk packaged part number is a "1".
- Wires are oxygen free high conductivity copper with a tin/lead coating. The resistance of the wire is 3.5 mohms maximum for the 22 AWG wire and 2.2 mohms maximum for the 20 AWG wire.
- Beads are controlled for impedance limits only. They are tested for impedance with a single turn, using a Hewlett Packard HP 4193A Vector Impedance Meter for beads in 73 and 43 material and the HP 4191A RF Impedance Analyzer for 61 material beads.
- Recommended storage and operating temperature is -55° C to 125° C.
- For any bead on lead requirement not listed in the catalog, please contact our [customer service group](#) for availability and pricing.
- The [Bead-on-Lead EMI Suppression Kit \(part number 0199000028 \)](#) is available for prototype evaluation.

Dimensions in bold type are in millimeters; italic numbers are nominal in inches.
All parts on this page are preferred parts.

Part Number	Matl.	Typical Impedance (W) ¹				Wt (g)	A	B	C	D
		10 MHz	25 MHz	100 MHz	250 MHz					
2773001112	73	48.	61			.4	3.5±0.25 .138	62.0±1.5 2.440	4.45±0.25 .175	0.65 22 AWG
2743001112	43		49.	68						
2761001112	61			56	80					
2773015112	73	55	68			.4	3.5±0.25 .138	62.0±1.5 2.440	5.25±0.25 .206	0.65 22 AWG
2743015112	43		54	82						
2761015112	61			69	100					
2773005112	73	63	78			.4	3.5±0.25 .138	62.0±1.5 2.440	6.0±0.25 .236	0.65 22 AWG
2743005112	43		60	91						
2761005112	61			75	113					
2773003112	73	70	86			.5	3.5±0.25 .138	62.0±1.5 2.440	6.7±0.25 .263	0.65 22 AWG
2743003112	43		65	100						
2761003112	61			88	125					
2773004112	73	80	100			.5	3.5±0.25 .138	62.0±1.5 2.440	7.6±0.3 .300	0.65 22 AWG
2743004112	43		75	110						
2761004112	61			94	144					
2773002112	73	94	115			.6	3.5±0.25 .138	62.0±1.5 2.440	8.9±0.3 .350	0.65 22 AWG
2743002112	43		88	133						
2761002112	61			113	168					
2773007112	73	110	135			.6	3.5±0.25 .138	62.0±1.5 2.440	9.5±0.3 .374	0.65 22 AWG
2743007112	43		96	150						
2761007112	61			125	180					
2773008112	73	125	156			.7	3.5±0.25 .138	62.0±1.5 2.440	11.4±0.4 .450	0.65 22 AWG
2743008112	43		116	180						
2761008112	61			144.	213					
2773009112	73	151	190			.8	3.5±0.25 .138	62.0±1.5 2.440	13.8±0.5 .545	0.65 22 AWG
2743009112	43		143.	220						
2761009112	61			175	258					
2743012201*	43		193	271		4.5	9.8±0.3 .385	62.0±1.5 2.440	11.4±0.4 .450	0.8 20 AWG
2743013211*	43		235	331		5.5	9.8±0.3 .385	62.0±1.5 2.440	14.0±0.5 .550	0.8 20 AWG
2743014221*	43		280	391		6.5	9.8±0.3 .385	62.0±1.5 2.440	16.5±0.5 .650	0.8 20 AWG

*Not available taped and reeled.

¹ Guaranteed Z Min is Z Typ -20%

Information Request

Please send me Impedance versus Frequency curves and DC bias curves for Bead on Lead part number(s). Please indicate the part number(s) of interest, your E-mail address, your name, and your company name.