Fair-Rite Products Corp.
Your Signal Solution®

Beads- on- Leads (2743001112)

Part Number: 2743001112

43 BEAD ON LEAD

Explanation of Part Numbers:
– Digits 1 & 2 = Product Class
– Digits 3 & 4 = Material Grade
– Last digit 1 = Bulk Packed 2 = Taped and Reeled

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

Packaging Options:
– Beads- on- leads can be supplied bulk packed. The last digit of bulk packed parts is a "1". 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.
– Our "Bead- on- Lead Suppression Kit" (part number 0199000028) is available for prototype evaluation.

For any bead- on lead requirement not listed here, feel free to contact our customer service group for availability and pricing.

Weight: 0.4 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	3.5	±0.25	0.138	_
B	62	±1.50	2.44	_
C	4.45	±0.25	0.175	_
D	0.65	_	0	22 AWG

Reel Information				
Tape Width mm	Pitch mm	Parts 7" Reel	Parts 13" Reel	Parts 14" Reel
6	5	_	_	4500

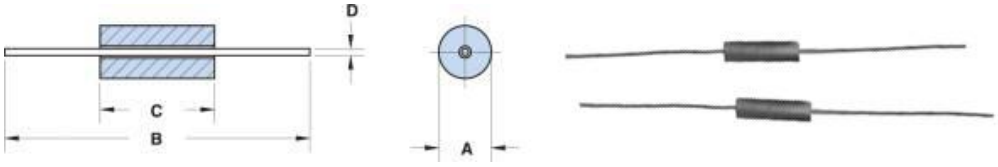
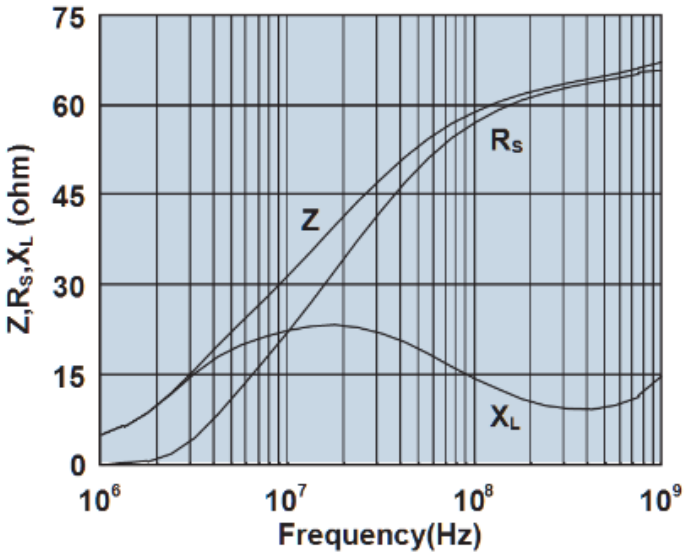


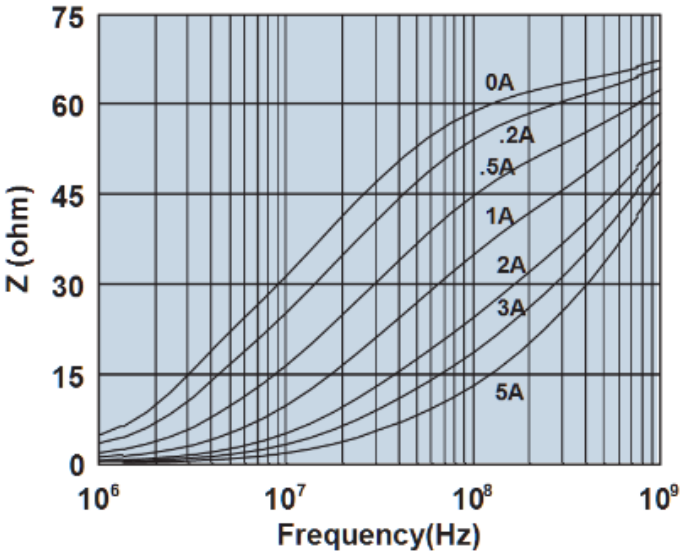
Chart Legend
+ Test frequency

Typical Impedance (Ω)	
10 MHz	31
25 MHz+	49
100 MHz+	68
250 MHz	65

2743001112



Impedance, reactance, and resistance vs. frequency.



Impedance vs. frequency with dc bias.