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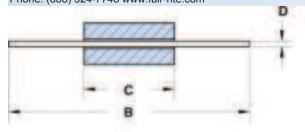
Fair-Rite Product's Catalog Part Data Sheet, 2743009112

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Part Number: 2743009112

Frequency Range: Broadband Frequencies 25-300 MHz (43 material)

Description: 43 BEAD ON LEAD

Application: Suppression Components

Where Used: **Board Component** 

Part Type: Beads-on-Leads

Preferred Part:

## Mechanical Specifications

Weight: .700 (g)

## Part Type Information

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 a lead-free tin coating. 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. The impedances listed are typical values. Minimum impedance values are specified for the + marked frequencies. The minimum quaranteed impedance is 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 4191A RF Impedance Analyzer.
- -Preferred beads-on-leads are the suggested choice for new designs. Samples are readily available and orders have typically shorter lead times than other beads-on-leads. 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.



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