



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 guaranteed 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.

Formic Material Constants

Specific Heat	0.26 cal/g°C
Thermal Conductivity	0.007 cal/cm·sec·°C
Coefficient of Linear Expansion	6.5 x 10 ⁻⁵ /°C
Tensile Strength	4.5 kg/cm ²
Compression Strength	45 kg/cm ²
Impact Strength	10 x 10 ³ kg/cm ²
Modulus of Elasticity	2.8 x 10 ⁸ dyn/cm ²
Modulus of Rupture	2.8 x 10 ⁸ dyn/cm ²

The above quoted properties are typical for Fair-File FMS and FMS Series.

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Part Number: 600-0000000000

Part Number	Part Description	Part Status	Part Type
600-0000000000	600-0000000000	Active	Inductor

Physical Properties & Dimensions

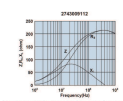
Electrical Properties & Performance

Temperature Characteristics & Stability

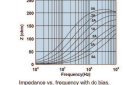
Quality Control & Compliance

Notes:

- Inductance values are typical and may vary due to manufacturing tolerances.
- Inductance values are measured at room temperature (25°C) and may vary with temperature.
- Inductance values are measured at 100 kHz and may vary with frequency.
- Inductance values are measured at 100 kHz and may vary with frequency.



Impedance, reactance, and resistance vs. frequency



Impedance vs. frequency with RL circuit

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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