



Features

- High resistance to heat and humidity
- Resistance to mechanical shock and pressure
- Accurate dimensions for automatic surface mounting
- Wide impedance range
- RoHS compliant*

Applications

- Power supply lines
- IC power lines
- Signal lines

MH Series High Current Chip Ferrite Beads

Electrical Specifications

Model Number	Impedance (Ω) at 100 MHz	RDC (m Ω) Max.	IDC (A) Max.
MH4532-700Y	70 $\pm$ 25 %	30	6.0
MH4532-800Y	80 $\pm$ 25 %	10	6.0
MH4532-121Y	120 $\pm$ 25 %	50	3.0
MH4532-131Y	130 $\pm$ 25 %	40	3.0
MH4532-151Y	150 $\pm$ 25 %	20	5.0
MH4532-681Y	680 $\pm$ 25 %	30	4.0
MH4532-132Y	1300 $\pm$ 25 %	60	3.0
MH4516-600Y	60 $\pm$ 25 %	10	6.0
MH4516-750Y	75 $\pm$ 25 %	25	3.0
MH4516-800Y	80 $\pm$ 25 %	50	3.0
MH4516-102Y	1000 $\pm$ 25 %	150	1.5
MH3261-190Y	19 $\pm$ 25 %	40	3.0
MH3261-260Y	26 $\pm$ 25 %	40	3.0
MH3261-310Y	31 $\pm$ 25 %	40	3.0
MH3261-500Y	50 $\pm$ 25 %	25	3.0
MH3261-700Y	70 $\pm$ 25 %	30	4.0
MH3261-800Y	80 $\pm$ 25 %	30	4.0
MH3261-900Y	90 $\pm$ 25 %	40	3.0
MH3261-101Y	100 $\pm$ 25 %	30	4.0
MH3261-121Y	120 $\pm$ 25 %	100	2.0
MH3261-151Y	150 $\pm$ 25 %	100	2.0
MH3261-301Y	300 $\pm$ 25 %	200	1.0
MH3261-471Y	470 $\pm$ 25 %	200	1.0
MH3261-501Y	500 $\pm$ 25 %	40	3.0
MH3261-601Y	600 $\pm$ 25 %	100	2.0
MH2029-070Y	7 $\pm$ 25 %	30	3.0
MH2029-100Y	10 $\pm$ 25 %	10	6.0
MH2029-300Y	30 $\pm$ 25 %	25	3.0
MH2029-400Y	40 $\pm$ 25 %	20	5.0
MH2029-600Y	60 $\pm$ 25 %	20	5.0
MH2029-800Y	80 $\pm$ 25 %	40	3.0
MH2029-101Y	100 $\pm$ 25 %	100	2.0
MH2029-121Y	120 $\pm$ 25 %	100	2.0
MH2029-151Y	150 $\pm$ 25 %	100	2.0
MH2029-221Y	220 $\pm$ 25 %	100	2.0
MH2029-301Y	300 $\pm$ 25 %	200	1.0
MH2029-401Y	400 $\pm$ 25 %	100	2.0
MH2029-471Y	470 $\pm$ 25 %	200	1.0
MH2029-601Y	600 $\pm$ 25 %	200	1.0
MH1608-100Y	10 $\pm$ 25 %	100	6.0
MH1608-300Y	30 $\pm$ 25 %	60	3.0
MH1608-600Y	60 $\pm$ 25 %	40	3.0
MH1608-800Y	80 $\pm$ 25 %	40	3.0
MH1608-101Y	100 $\pm$ 25 %	40	3.0
MH1608-121Y	120 $\pm$ 25 %	100	2.0
MH1608-151Y	150 $\pm$ 25 %	100	2.0
MH1608-221Y	220 $\pm$ 25 %	100	2.0
MH1608-301Y	300 $\pm$ 25 %	200	1.0
MH1608-471Y	470 $\pm$ 25 %	200	1.0
MH1608-601Y	600 $\pm$ 25 %	200	1.0

General Specifications

Operating Temperature
.....-55 °C to +125 °C

Storage Temperature
.....-55 °C to +125 °C

Storage Condition
.....+40 °C max. at 70 % RH

Reflow Soldering .. 230 °C, 50 sec. max.

Resistance to Soldering Heat
.....+260 °C, 5 seconds

Rated Current.....Based on max
.....temperature rise of +40 °C

Terminal Strength
(Force "F" applied for 30 seconds)

4532 Series.....1.5 F (Kg)

4516 Series.....1.0 F (Kg)

3261 Series.....1.0 F (Kg)

2029 Series.....0.6 F (Kg)

1608 Series.....0.5 F (Kg)

Materials

Core Material.....Ferrite

Internal Conductor.....Ag or Ag/Pd

Terminal.....Ag/Ni/Sn

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Specifications are subject to change without notice.

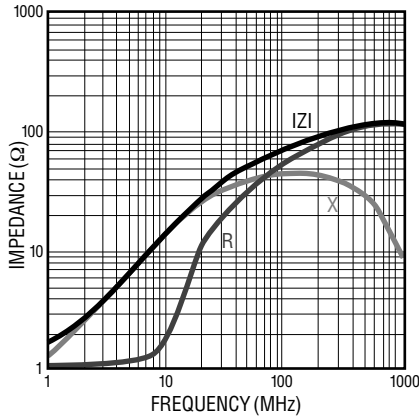
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MH Series High Current Chip Ferrite Beads

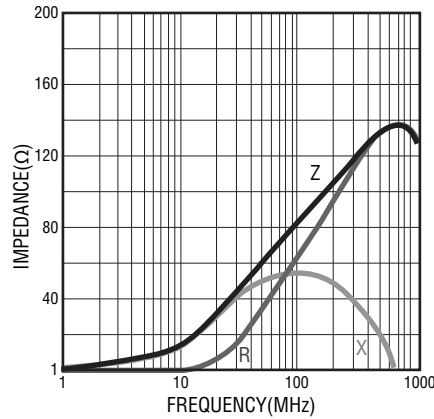
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Electrical Specifications (continued)

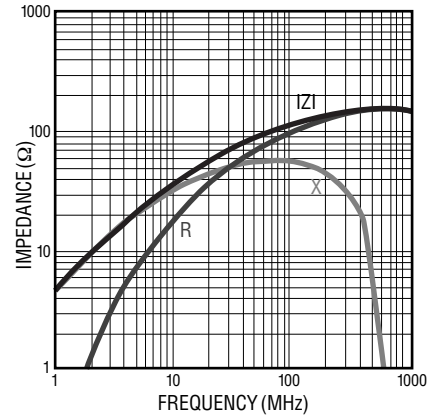
MH 4532- 700Y



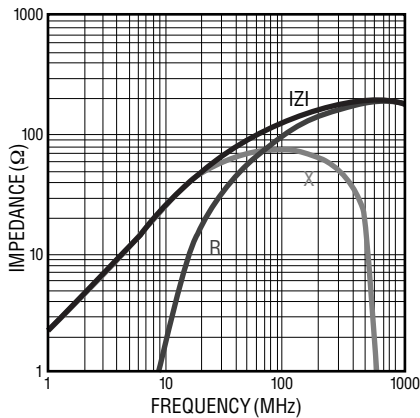
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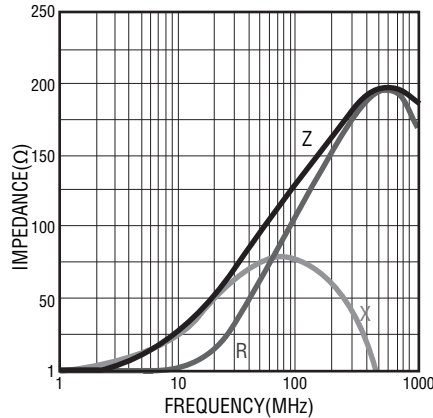
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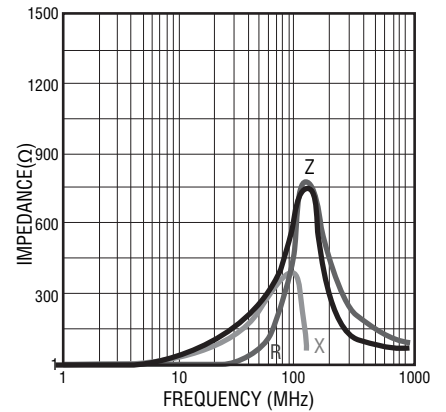
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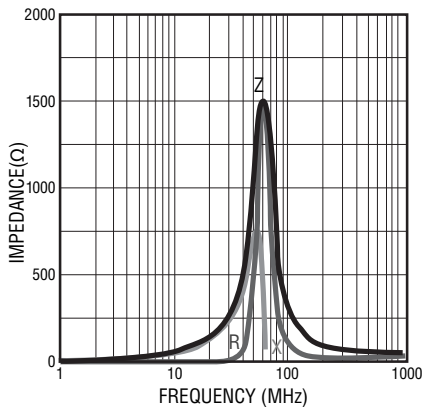
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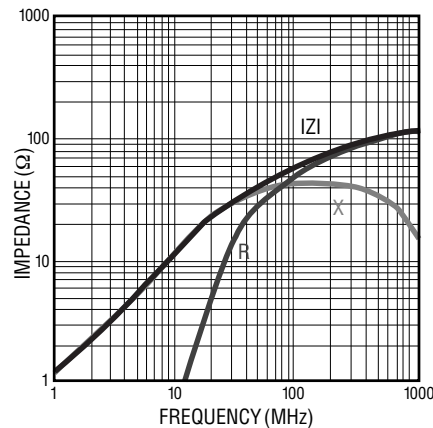
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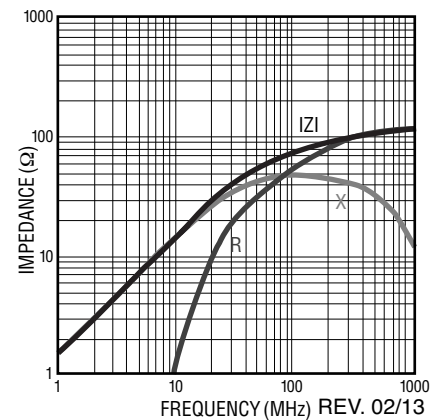
MH 4532- 132Y



MH 4516- 600Y



MH 4516- 750Y



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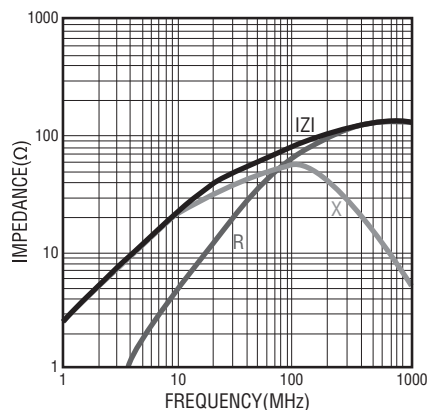
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MH Series High Current Chip Ferrite Beads

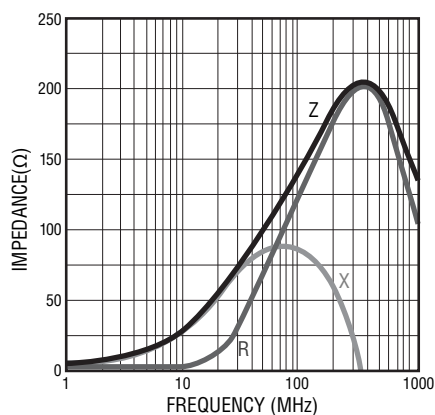
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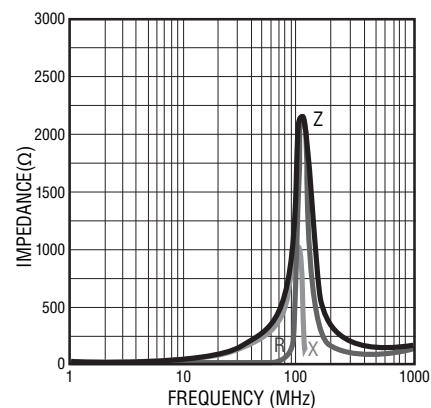
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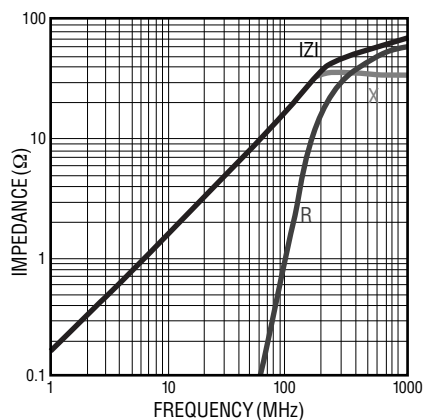
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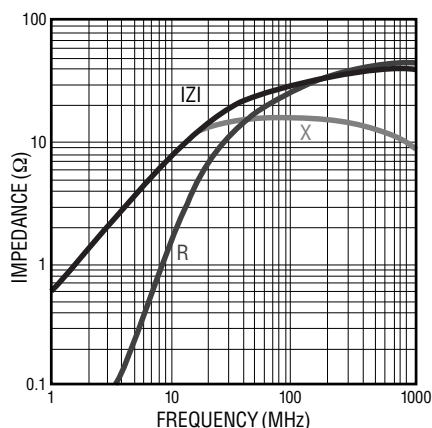
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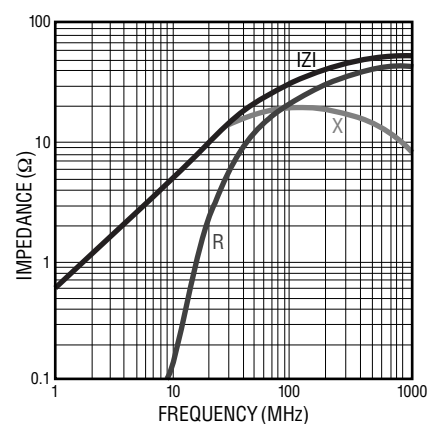
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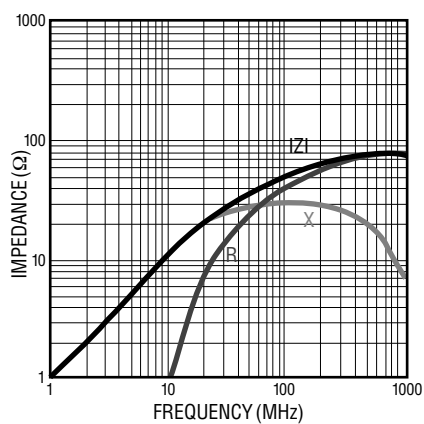
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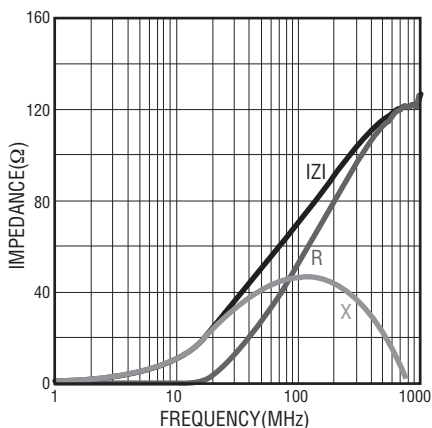
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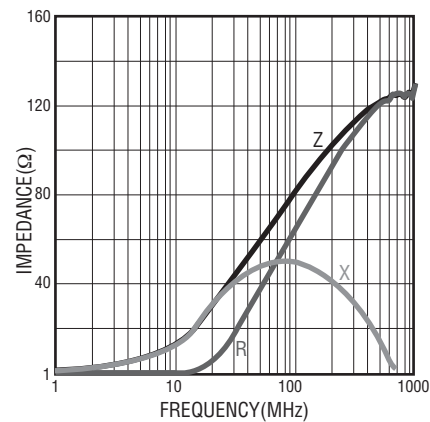
MH 3261- 500Y



MH 3261- 700Y



MH 3261- 800Y



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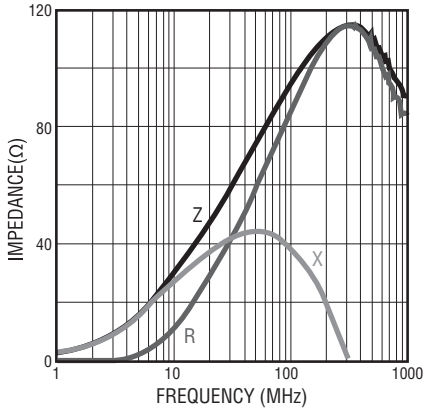
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MH Series High Current Chip Ferrite Beads

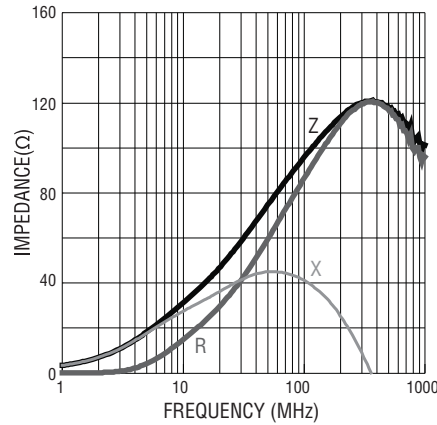
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Electrical Specifications (continued)

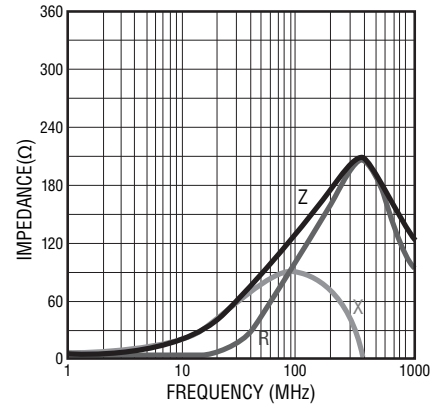
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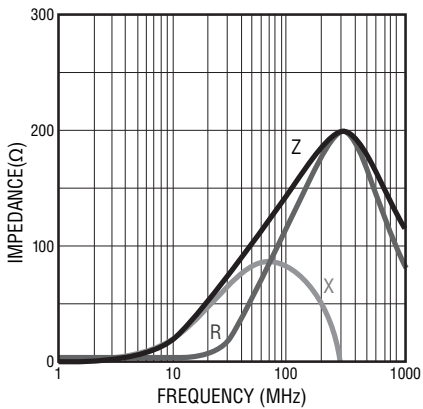
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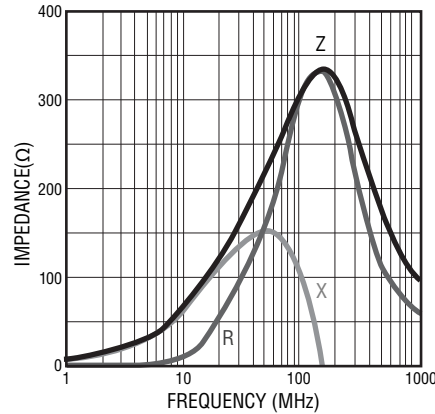
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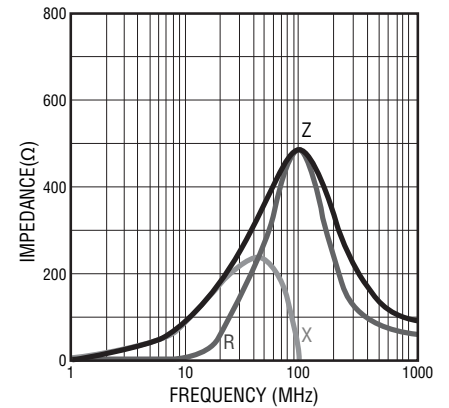
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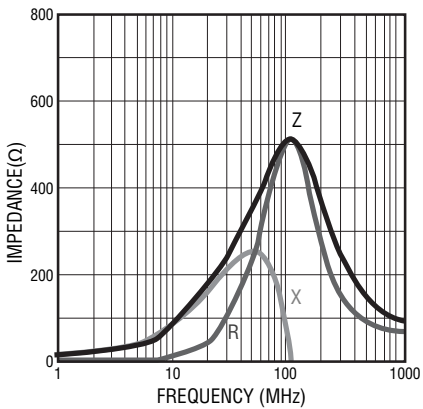
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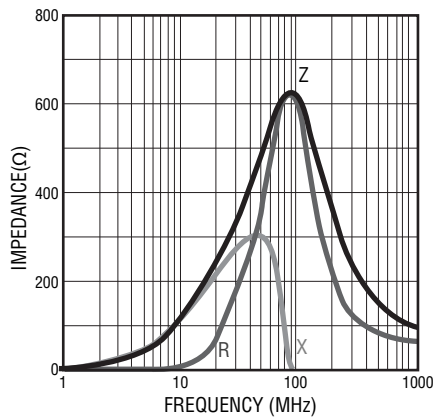
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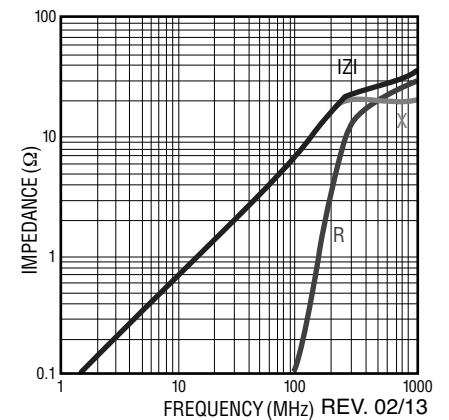
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MH 3261- 601Y



MH 2029- 070Y



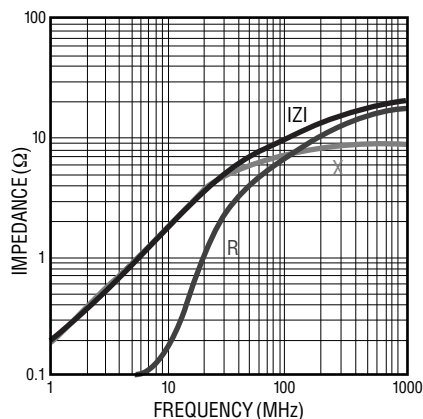
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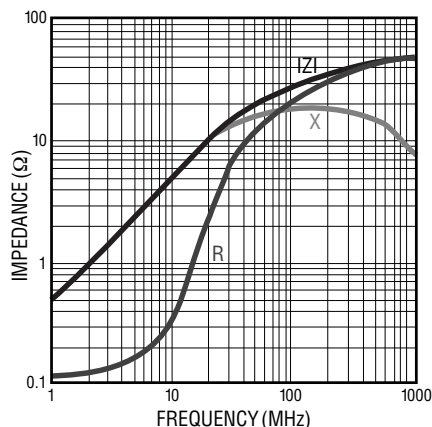
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Electrical Specifications (continued)

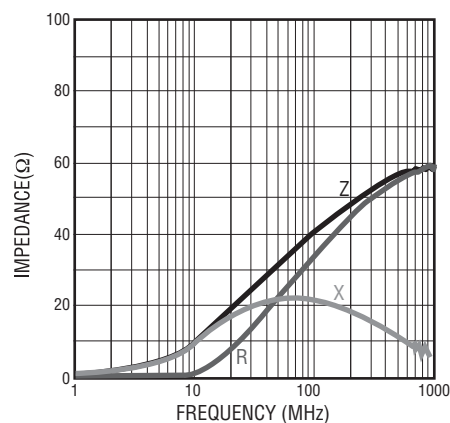
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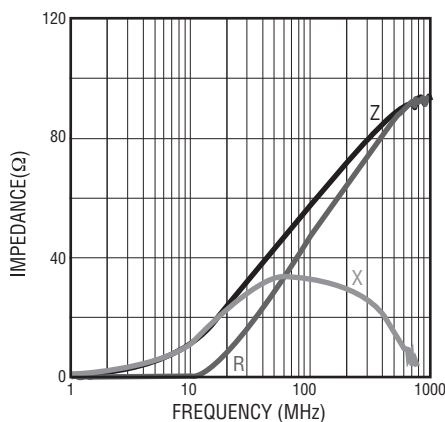
MH 2029- 300Y



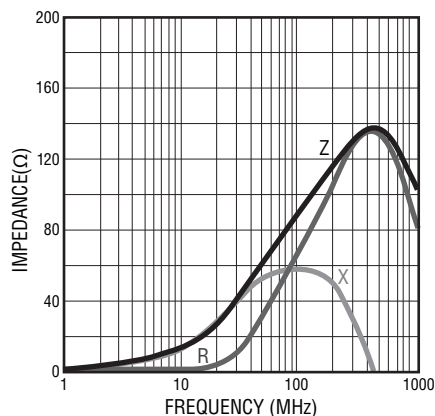
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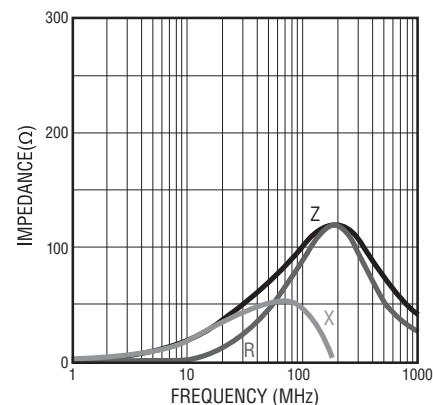
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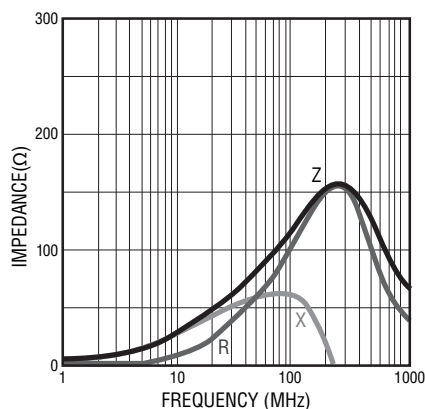
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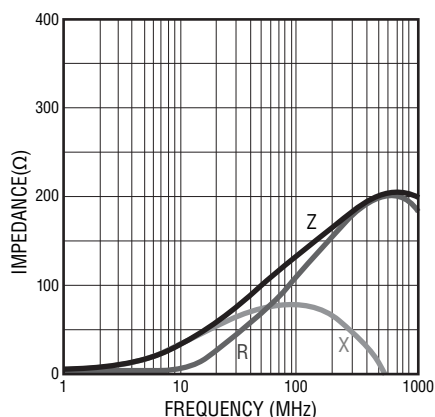
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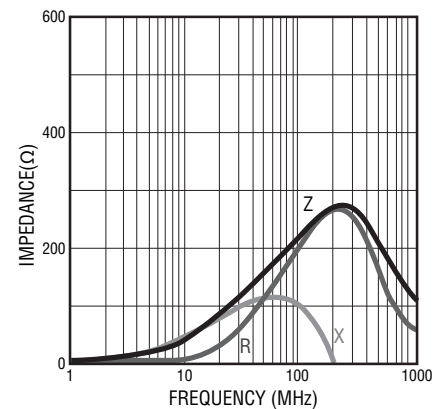
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MH 2029- 151Y



MH 2029- 221Y



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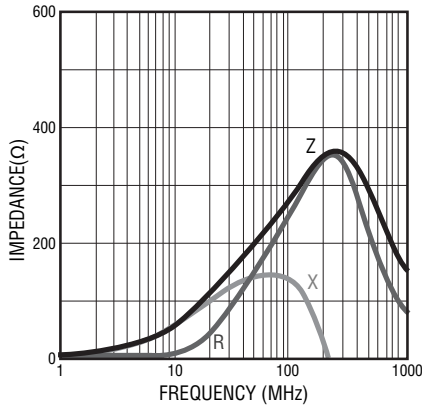
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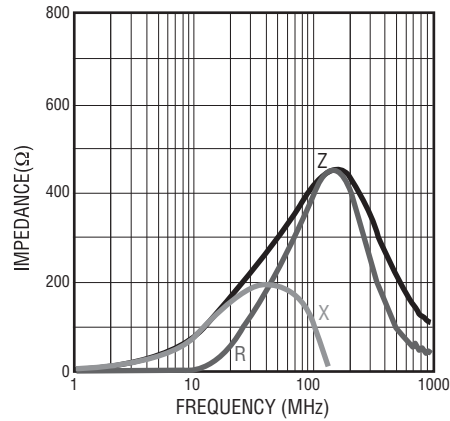
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Electrical Specifications (continued)

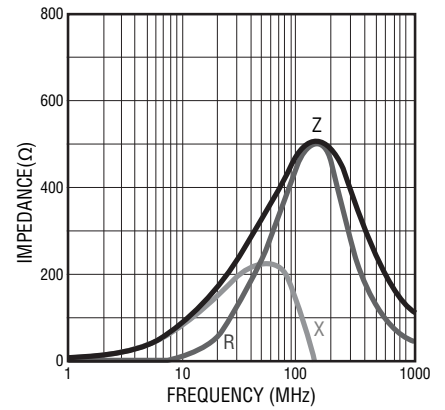
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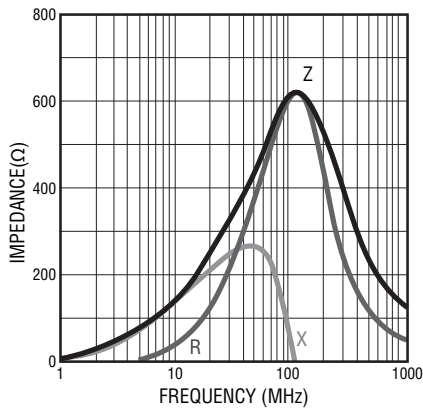
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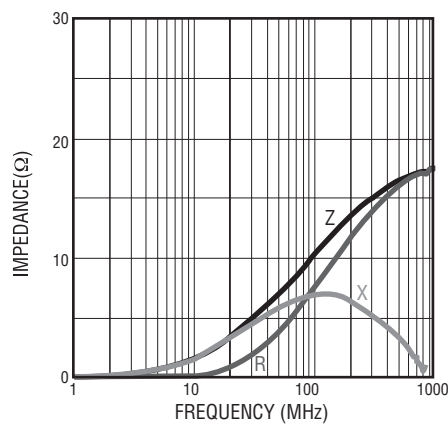
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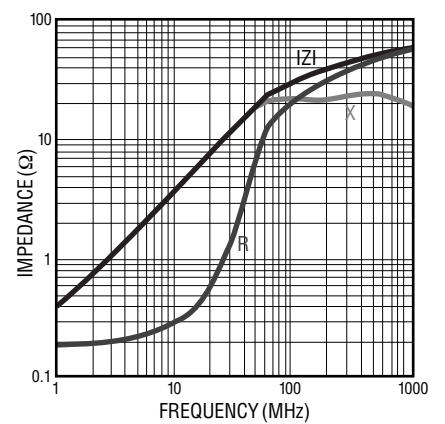
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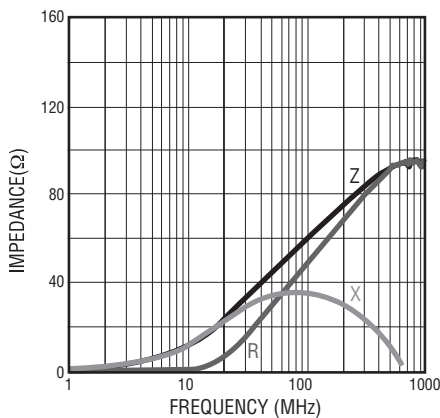
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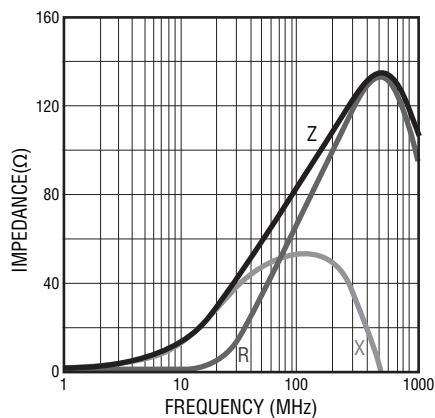
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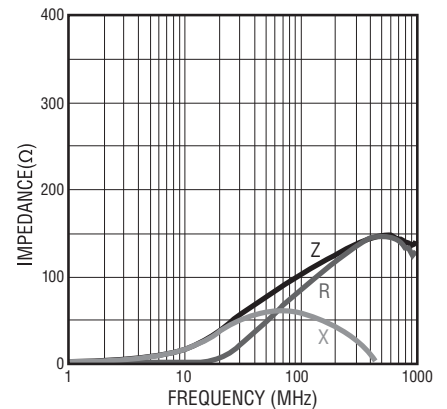
MH 1608 -600Y



MH 1608- 800Y



MH 1608- 101Y



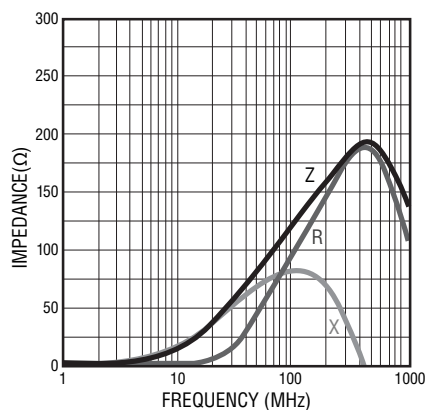
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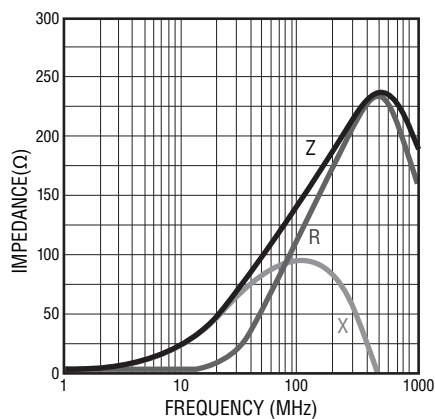
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Electrical Specifications (continued)

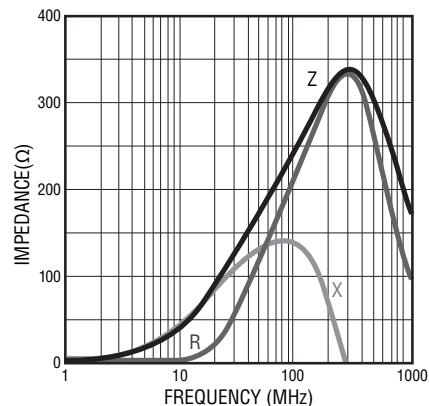
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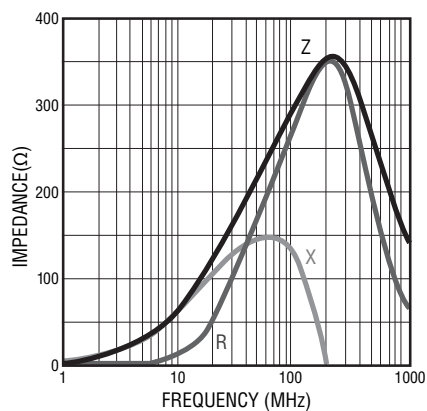
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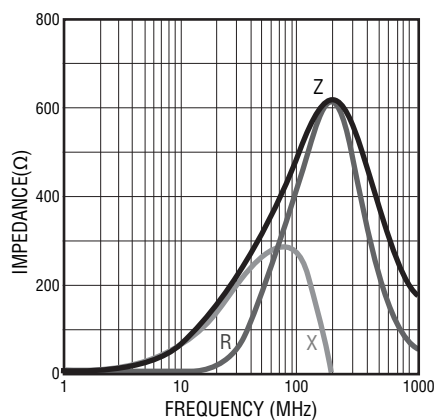
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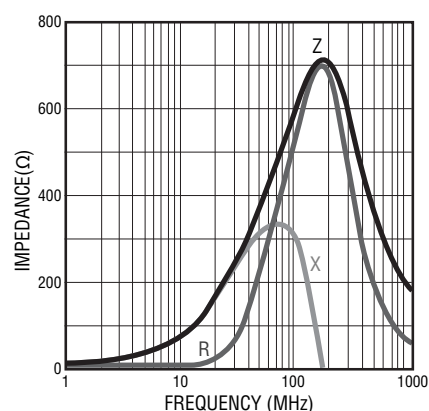
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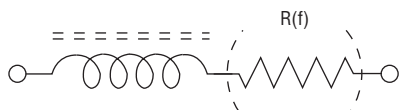
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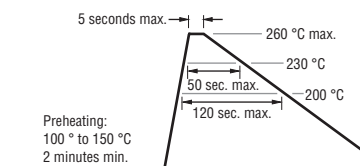
MH 1608- 601Y



Equivalent Circuit



Recommended Soldering

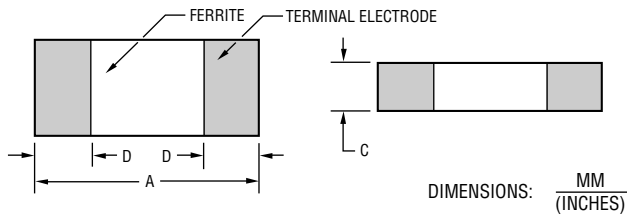


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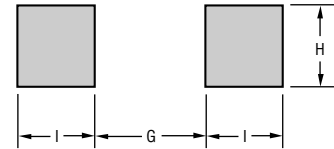
MH Series High Current Chip Ferrite Beads

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Product Dimensions

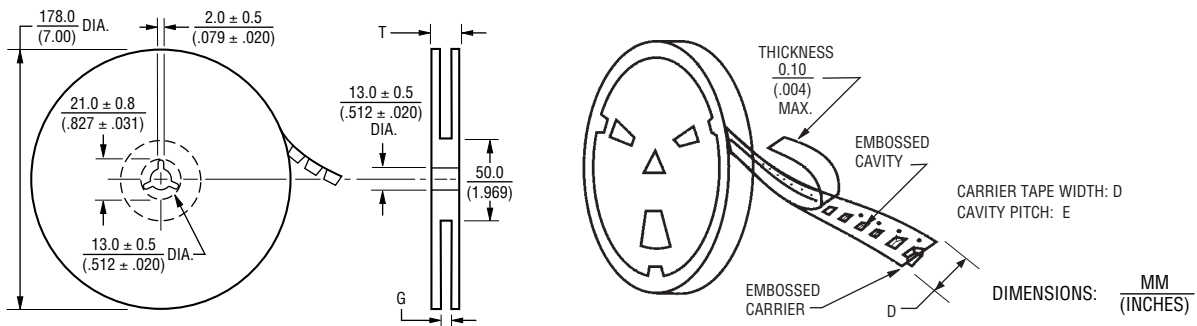


Recommended Land Pattern



Series	A	B	C	D	G	H	I
4532	$\frac{4.5 \pm 0.2}{(.177 \pm .008)}$	$\frac{3.2 \pm 0.2}{(.126 \pm .008)}$	$\frac{1.5 \pm 0.2}{(.059 \pm .008)}$	$\frac{0.5 \pm 0.2}{(.020 \pm .008)}$	$\frac{3.0}{(.118)}$	$\frac{3.0}{(.118)}$	$\frac{1.5}{(.059)}$
4516	$\frac{4.5 \pm 0.2}{(.177 \pm .008)}$	$\frac{1.6 \pm 0.2}{(.063 \pm .008)}$	$\frac{1.6 \pm 0.2}{(.063 \pm .008)}$	$\frac{0.5 \pm 0.2}{(.020 \pm .008)}$	$\frac{3.0}{(.118)}$	$\frac{1.4}{(.055)}$	$\frac{1.5}{(.059)}$
3261	$\frac{3.2 \pm 0.2}{(.126 \pm .008)}$	$\frac{1.6 \pm 0.2}{(.063 \pm .008)}$	$\frac{1.1 \pm 0.2}{(.043 \pm .008)}$	$\frac{0.5 \pm 0.2}{(.020 \pm .008)}$	$\frac{2.0}{(.079)}$	$\frac{1.4}{(.053)}$	$\frac{1.1}{(.043)}$
2029	$\frac{2.0 \pm 0.2}{(.079 \pm .008)}$	$\frac{1.2 \pm 0.2}{(.047 \pm .008)}$	$\frac{0.9 \pm 0.2}{(.035 \pm .008)}$	$\frac{0.5 \pm 0.2}{(.020 \pm .008)}$	$\frac{1.0}{(.040)}$	$\frac{1.0}{(.040)}$	$\frac{1.0}{(.040)}$
1608	$\frac{1.6 \pm 0.2}{(.063 \pm .008)}$	$\frac{0.8 \pm 0.2}{(.031 \pm .008)}$	$\frac{0.8 \pm 0.2}{(.031 \pm .008)}$	$\frac{0.5 \pm 0.2}{(.020 \pm .008)}$	$\frac{0.7}{(.028)}$	$\frac{0.7}{(.028)}$	$\frac{0.7}{(.028)}$

Reel Dimensions



Series	Pcs. per Reel	Gross Weight (g)	D	E	G	T
4532	1,000	170	$\frac{12.0}{(.472)}$	$\frac{8.0}{(.315)}$	$\frac{14.0 + 0}{(.551 + 0)}$	$\frac{16.5}{(.650)}$
4516	2,000	180	$\frac{12.0}{(.472)}$	$\frac{8.0}{(.315)}$	$\frac{14.0 + 0}{(.551 + 0)}$	$\frac{16.5}{(.650)}$
3261	3,000	150	$\frac{8.0}{(.315)}$	$\frac{4.0}{(.157)}$	$\frac{10.0 + 0}{(.394 + 0)}$	$\frac{12.5}{(.492)}$
2029	4,000	120	$\frac{8.0}{(.315)}$	$\frac{4.0}{(.157)}$	$\frac{10.0 + 0}{(.394 + 0)}$	$\frac{12.5}{(.492)}$
1608	4,000	90	$\frac{8.0}{(.315)}$	$\frac{4.0}{(.157)}$	$\frac{10.0 + 0}{(.394 + 0)}$	$\frac{12.5}{(.492)}$

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Users should verify actual device performance in their specific applications.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<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

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9