THE DATASHEET OF

MH4532-800Y

Features

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

Models MH3225-151Y, -201Y, -300Y, -520Y, -650Y, and -900Y are currently available but not recommended for new designs.

MH Series High Current Chip Ferrite Beads

Electrical Specifications

Model Number	Impedance (Ω) at 100 MHz	RDC (mΩ) Max.	IDC (A) Max.
MH4532-700Y	70 ±25 %	30	6.0
MH4532-800Y	80 ±25 %	10	6.0
MH4532-121Y	120 ±25 %	50	3.0
MH4532-131Y	130 ±25 %	40	3.0
MH4532-151Y	150 ±25 %	20	5.0
MH4532-681Y	680 ±25 %	30	4.0
MH4532-132Y	1300 ±25 %	60	3.0
MH4516-600Y	60 ±25 %	10	6.0
MH4516-750Y	75 ±25 %	25	3.0
MH4516-800Y	80 ±25 %	50	3.0
MH4516-102Y	1000 ±25 %	150	1.5
MH3261-190Y	19 ±25 %	40	3.0
MH3261-260Y	26 ±25 %	40	3.0
MH3261-310Y	31 ±25%	40	3.0
MH3261-500Y	50 ±25 %	25	3.0
MH3261-700Y	70 ±25 %	30	4.0
MH3261-800Y	80 ±25 %	30	4.0
MH3261-900Y	90 ±25 %	40	3.0
MH3261-101Y	100 ±25 %	30	4.0
MH3261-121Y	120 ±25 %	100	2.0
MH3261-151Y	150 ±25 %	100	2.0
MH3261-301Y	300 ±25 %	200	1.0
MH3261-471Y	470 ±25 %	200	1.0
MH3261-501Y	500 ±25 %	40	3.0
MH3261-601Y	600 ±25 %	100	2.0
MH3225-300Y	30 ±25 %	50	3.0
MH3225-520Y	52 ±25 %	50	3.0
MH3225-650Y	65 ±25 %	30	3.0
MH3225-900Y	90 ±25 %	100	2.0
MH3225-151Y	150 ±25 %	20	5.0
MH3225-201Y	200 ±25 %	30	4.0
MH2029-070Y	7 ±25 %	30	3.0
MH2029-100Y	10 ±25 %	10	6.0
MH2029-300Y	30 ±25%	25	3.0
MH2029-400Y	40 ±25%	20	5.0
MH2029-600Y	60 ±25%	20	5.0
MH2029-800Y	80 ±25 %	40	3.0
MH2029-101Y	100 ±25 %	100	2.0
MH2029-121Y	120 ±25 %	100	2.0
MH2029-151Y	150 ±25 %	100	2.0
MH2029-221Y	220 ±25 %	100	2.0
MH2029-301Y	300 ±25 %	200	1.0
MH2029-401Y	400 ±25 %	100	2.0
MH2029-471Y	470 ±25 %	200	1.0
MH2029-601Y	600 ±25 %	200	1.0
MH1608-100Y	10 ±25 %	100	6.0
MH1608-300Y	30 ±25 %	60	3.0
MH1608-600Y	60 ±25 %	40	3.0
MH1608-800Y	80 ±25 %	40	3.0
MH1608-101Y	100 ±25 %	40	3.0
MH1608-121Y	120 ±25 %	100	2.0
MH1608-151Y	150 ±25 %	100	2.0
MH1608-221Y	220 ±25 %	100	2.0
MH1608-301Y	300 ±25 %	200	1.0
MH1608-471Y	470 ±25 %	200	1.0
MH1608-601Y	600 ±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 seconds 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)
3225 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.

Applications

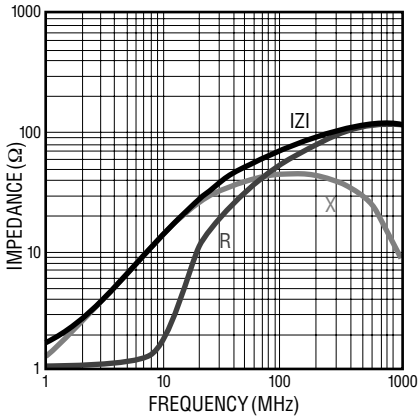
- Power supply lines
- IC power lines
- Signal lines

MH Series High Current Chip Ferrite Beads

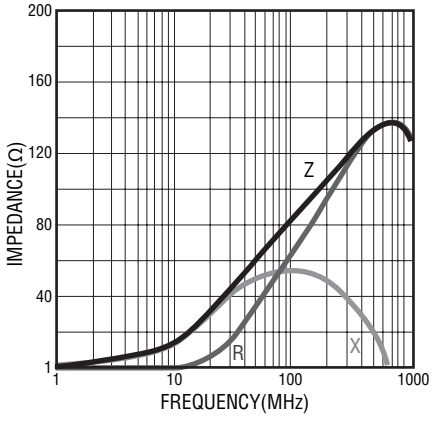
BOURNS®

Electrical Specifications (continued)

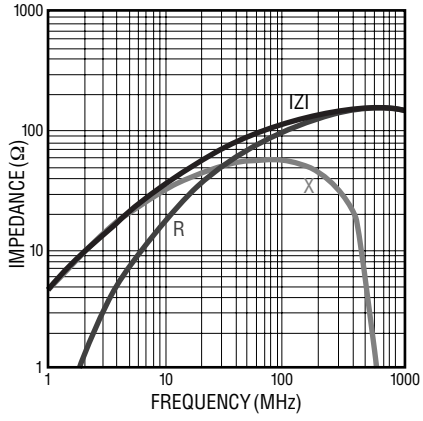
MH 4532- 700Y



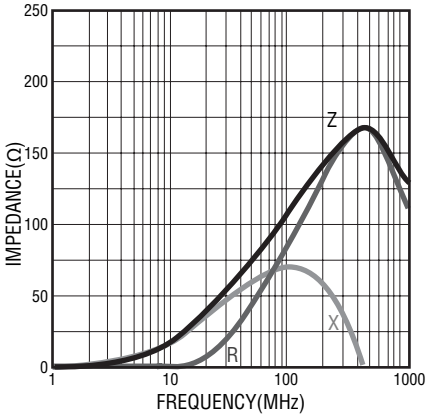
MH 4532- 800Y



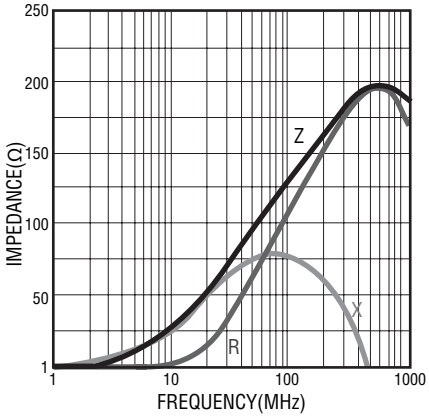
MH 4532- 121Y



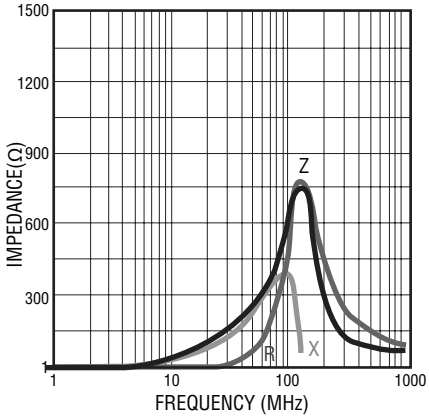
MH 4532- 131Y



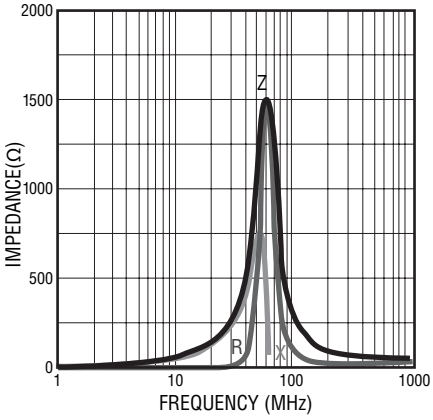
MH 4532- 151Y



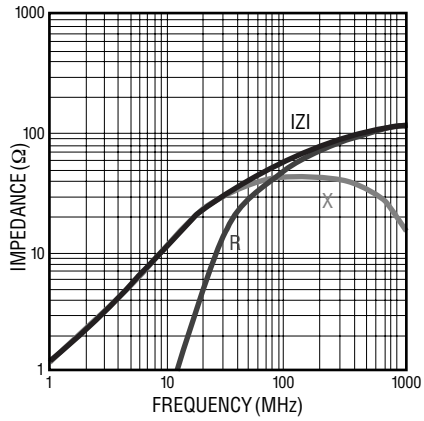
MH 4532- 681Y



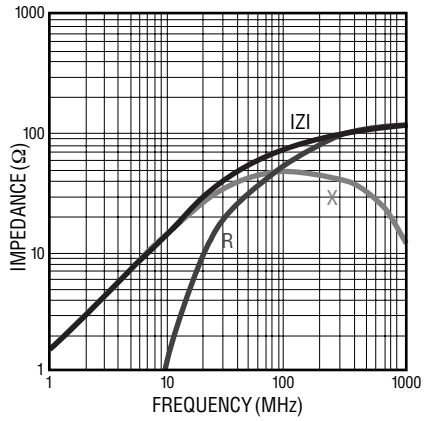
MH 4532- 132Y



MH 4516- 600Y

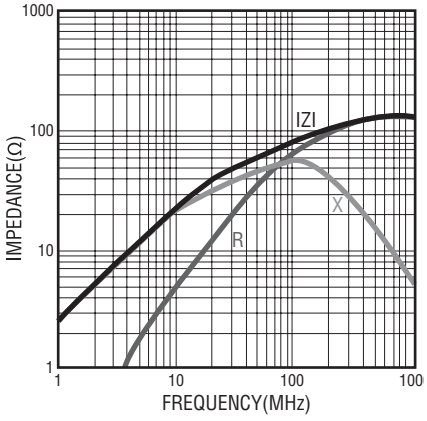


MH 4516- 750Y

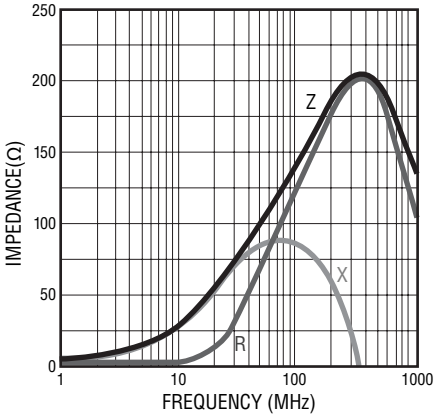


Electrical Specifications (continued)

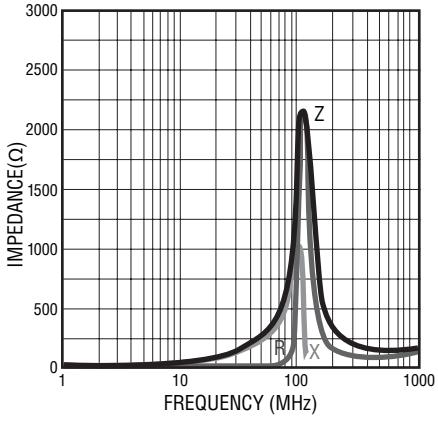
MH 4516- 800Y



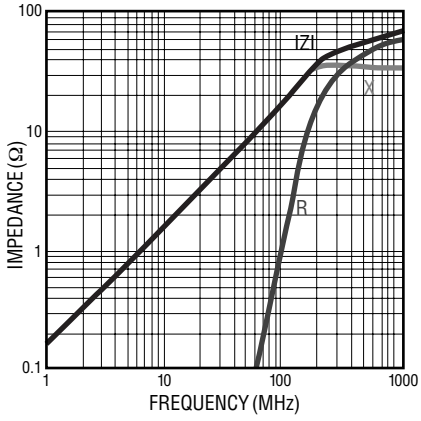
MH 4516- 101Y



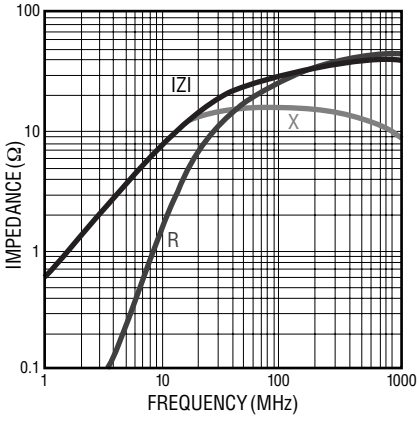
MH 4516- 102Y



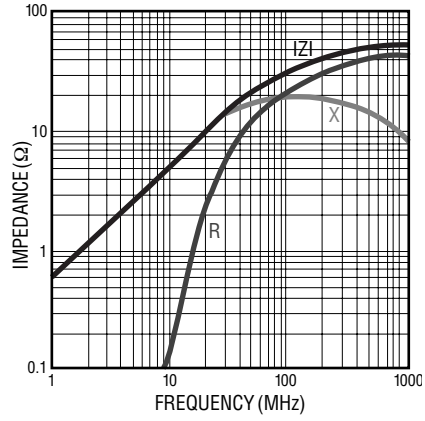
MH 3261- 190Y



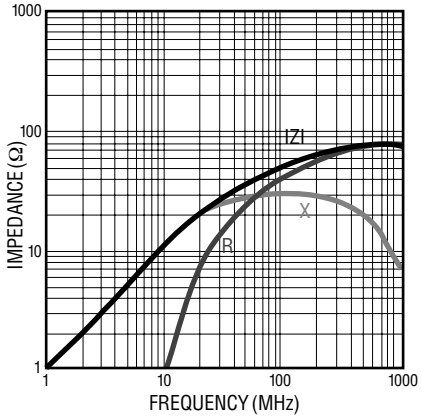
MH 3261- 260Y



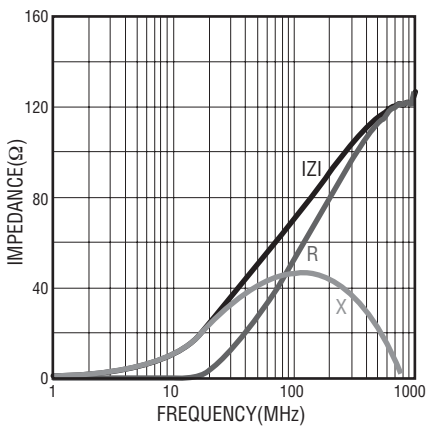
MH 3261- 310Y



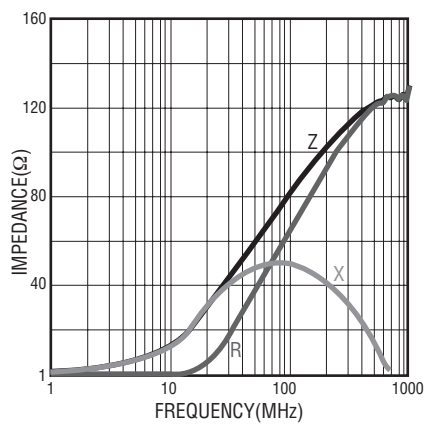
MH 3261- 500Y



MH 3261- 700Y

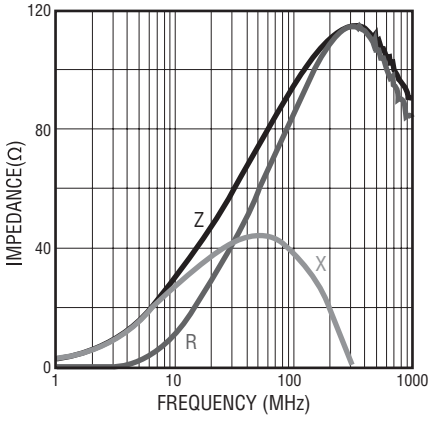


MH 3261- 800Y

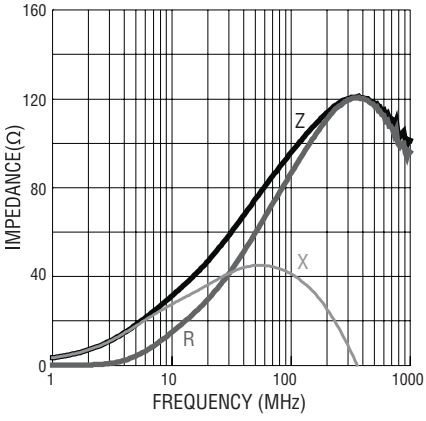


Electrical Specifications (continued)

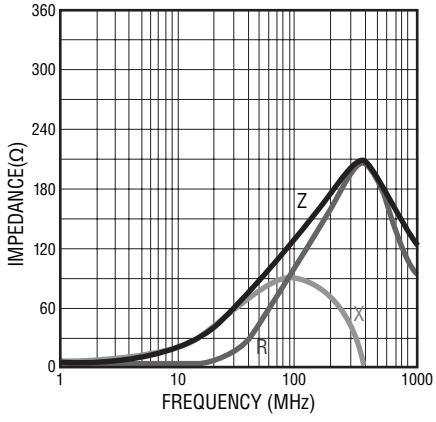
MH 3261- 900Y



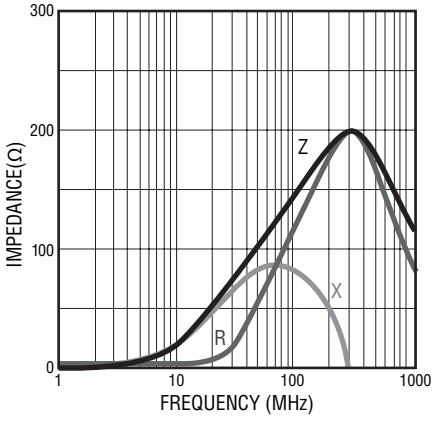
MH 3261- 101Y



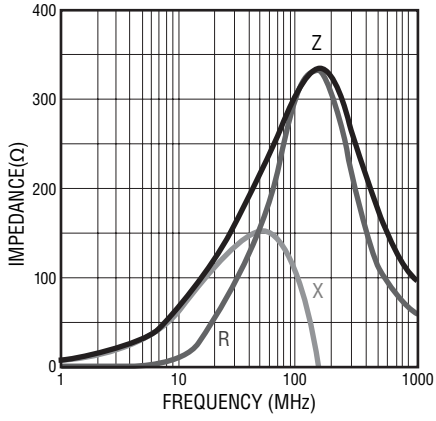
MH 3261- 121Y



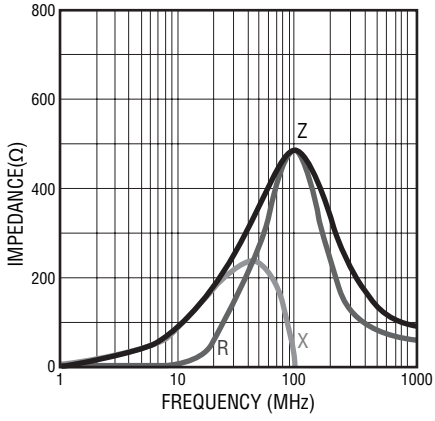
MH 3261- 151Y



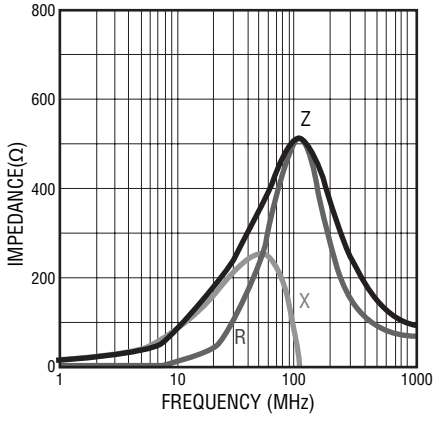
MH 3261- 301Y



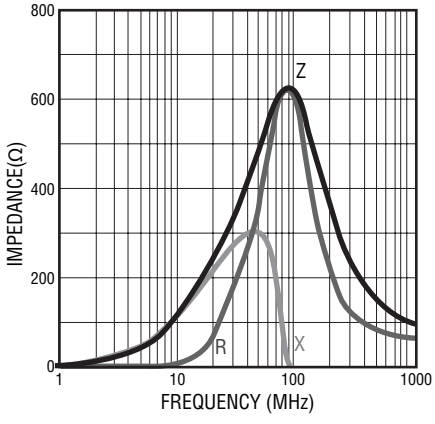
MH 3261- 471Y



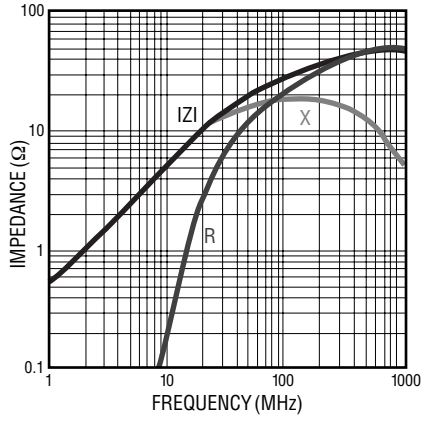
MH 3261- 501Y



MH 3261- 601Y



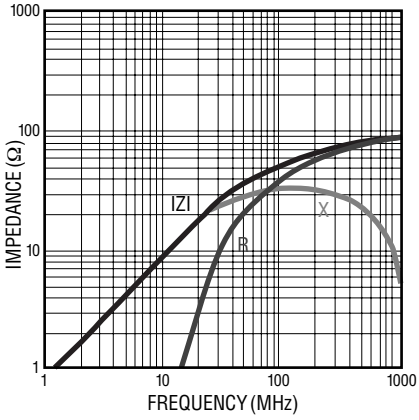
MH 3225- 300Y



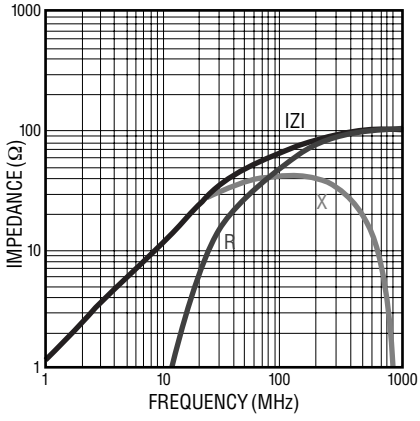
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

Electrical Specifications (continued)

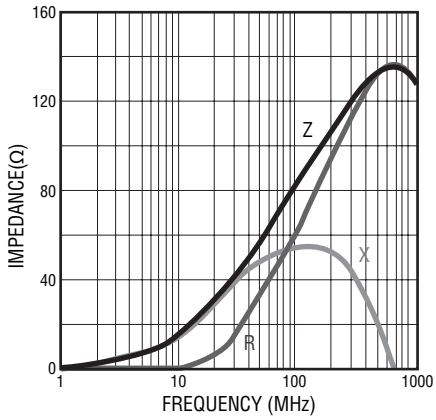
MH 3225- 520Y



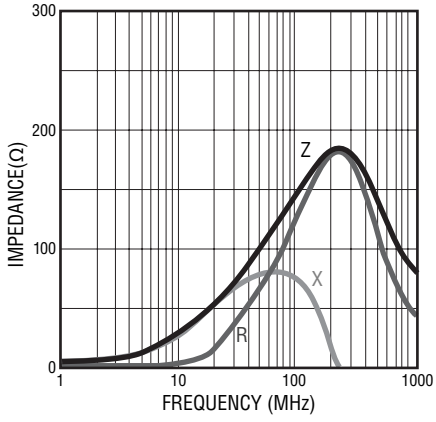
MH 3225- 650Y



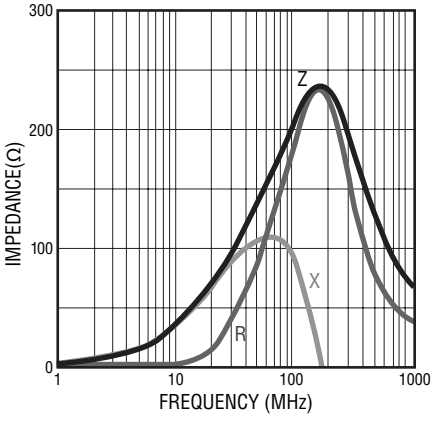
MH 3225- 900Y



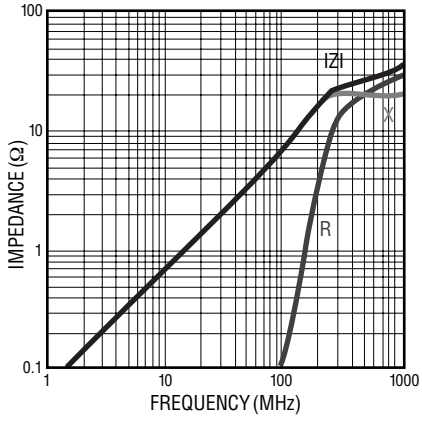
MH 3225- 151Y



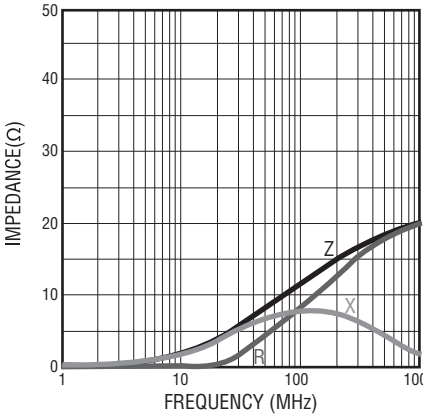
MH 3225- 201Y



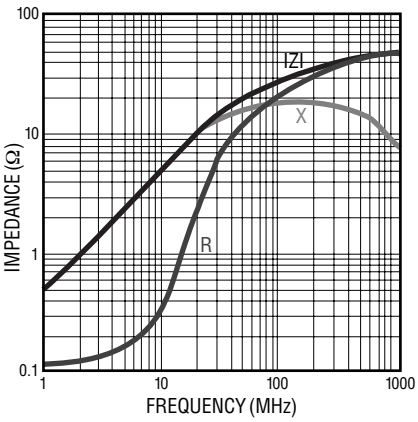
MH 2029- 070Y



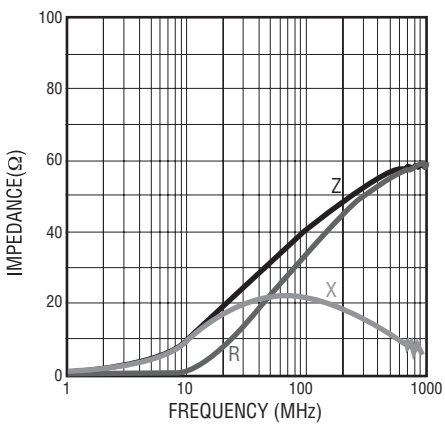
MH 2029- 100Y



MH 2029- 300Y

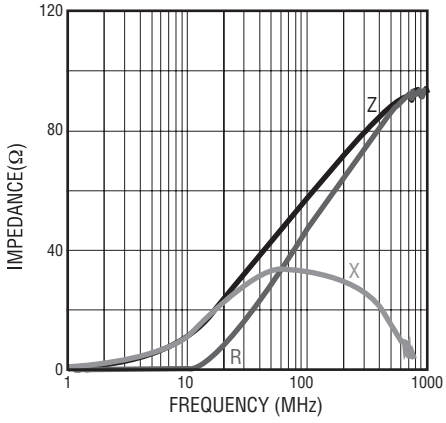


MH 2029 -400Y

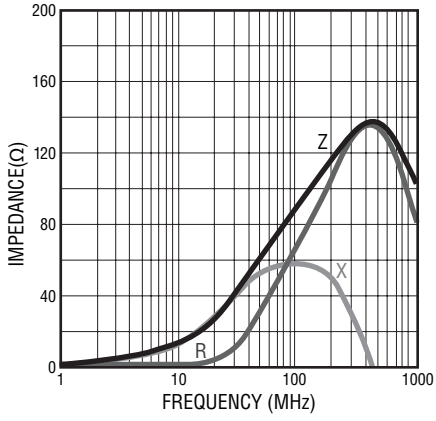


Electrical Specifications (continued)

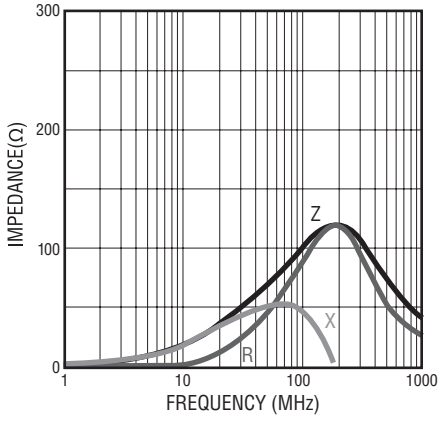
MH 2029 -600Y



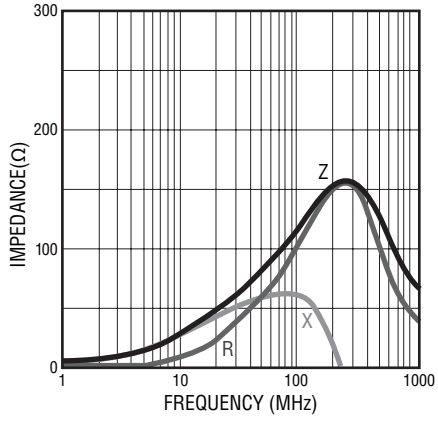
MH 2029- 800Y



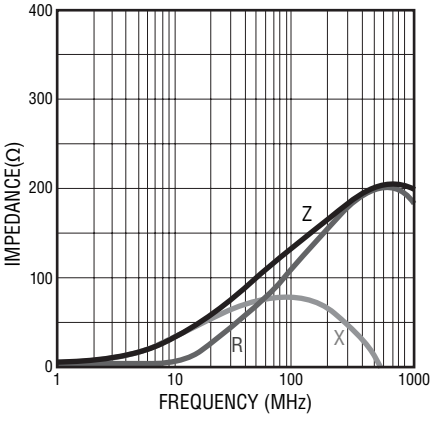
MH 2029- 101Y



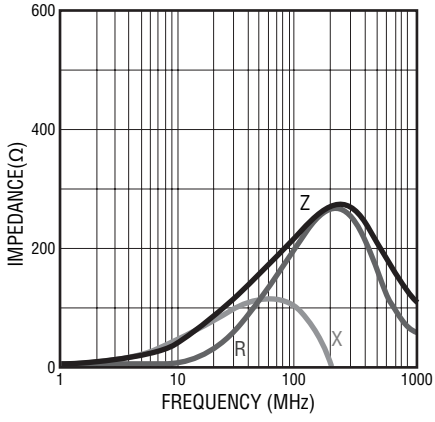
MH 2029- 121Y



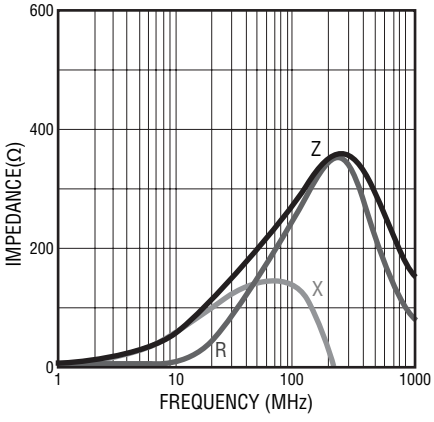
MH 2029- 151Y



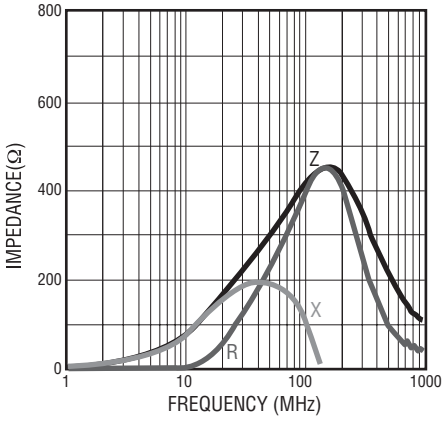
MH 2029- 221Y



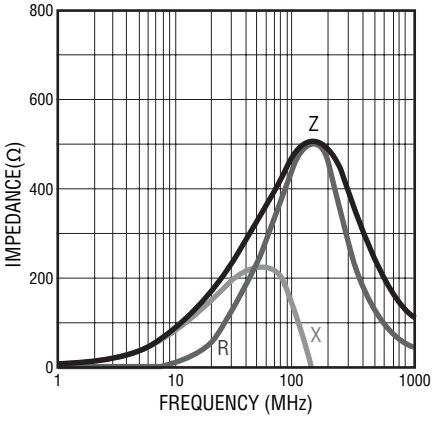
MH 2029- 301Y



MH 2029 -401Y

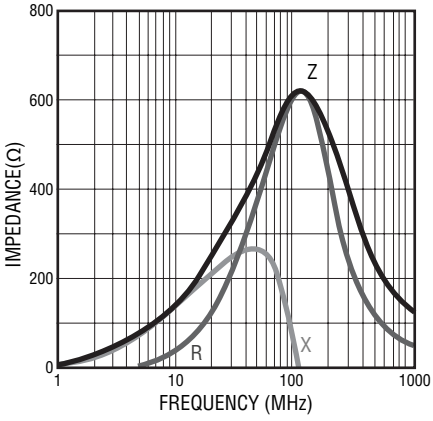


MH 2029- 471Y

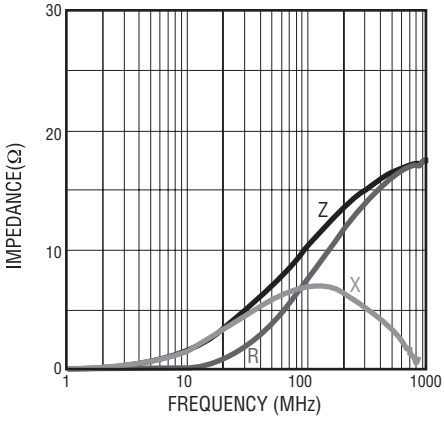


Electrical Specifications (continued)

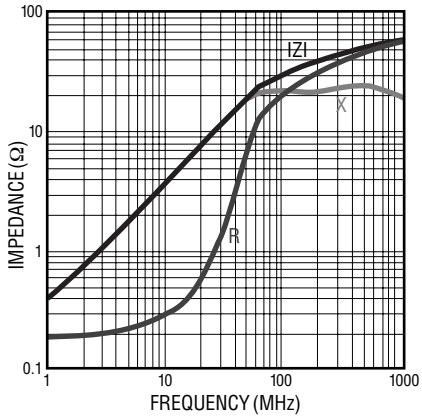
MH 2029- 601Y



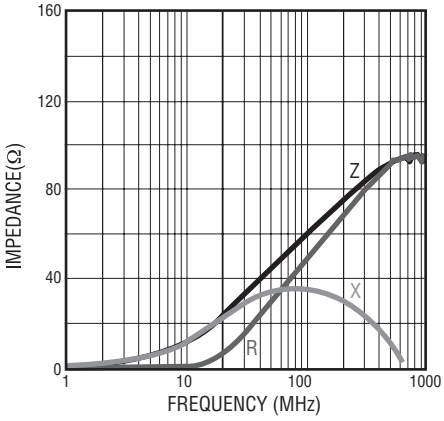
MH 1608 -100Y



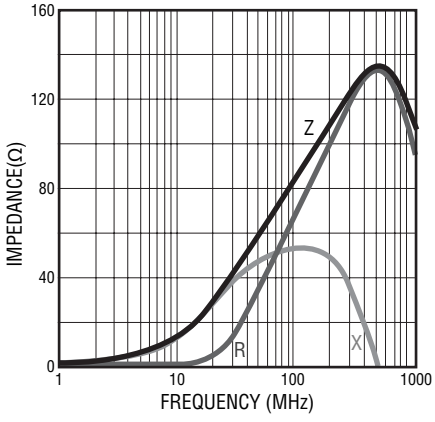
MH 1608- 300Y



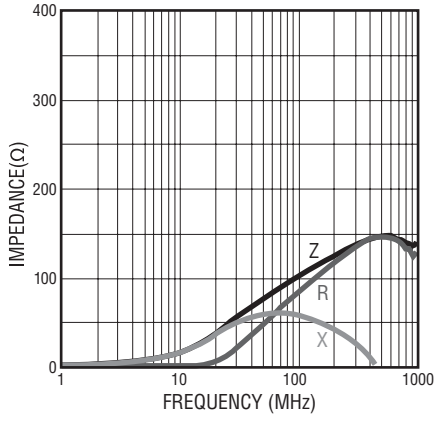
MH 1608 -600Y



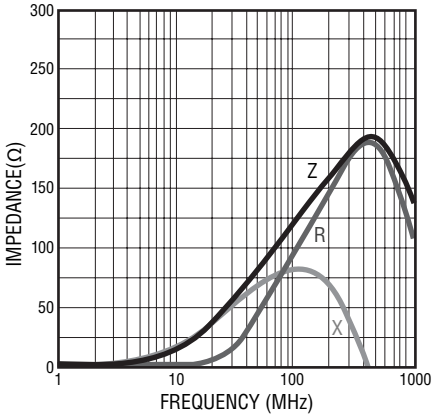
MH 1608- 800Y



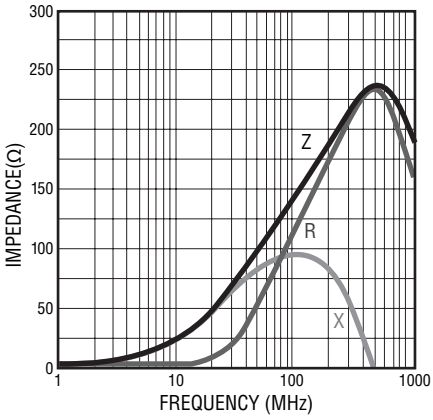
MH 1608- 101Y



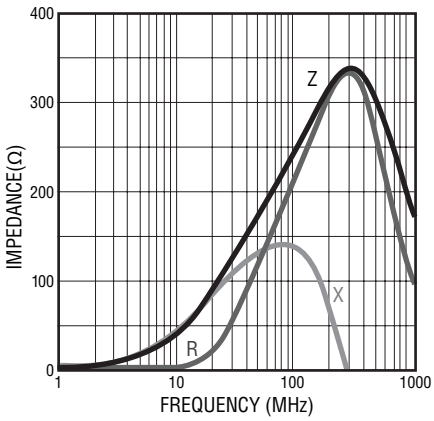
MH 1608- 121Y



MH 1608- 151Y

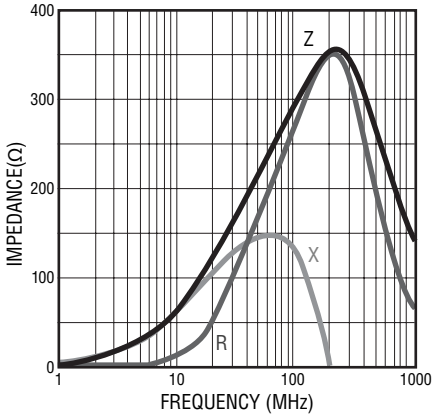


MH 1608- 221Y

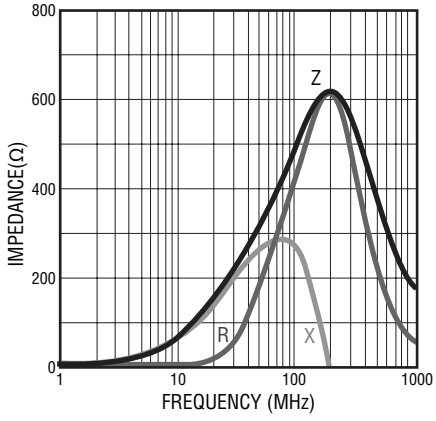


Electrical Specifications (continued)

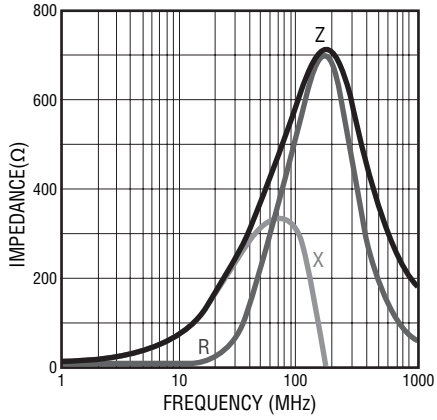
MH 1608- 301Y



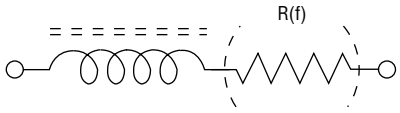
MH 1608- 471Y



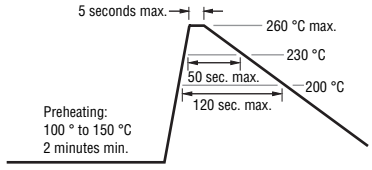
MH 1608- 601Y



Equivalent Circuit



Recommended Soldering



MH Series High Current Chip Ferrite Beads

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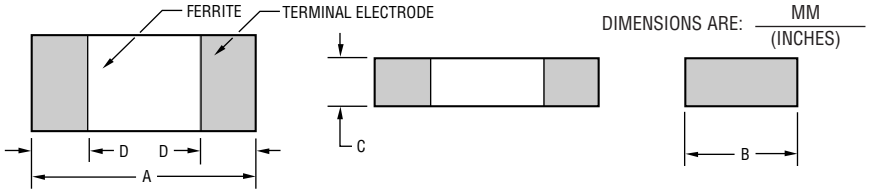
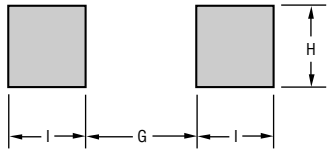
Product Dimensions

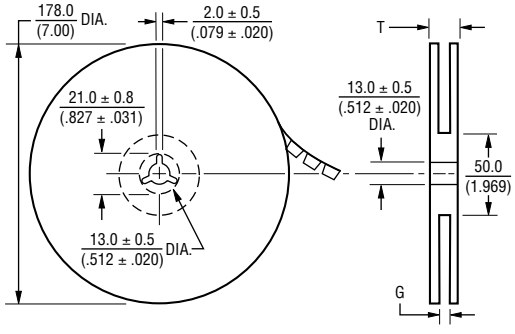


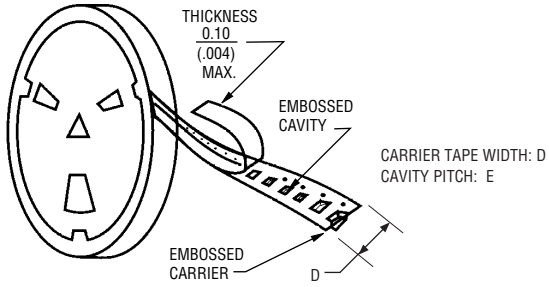
Recommended Land Pattern



Series	A	B	C	D	G	H	I
4532	4.5 ± 0.2 (.177 ± .008)	3.2 ± 0.2 (.126 ± .008)	1.5 ± 0.2 (.059 ± .008)	0.5 ± 0.2 (.020 ± .008)	3.0 (.118)	3.0 (.118)	1.5 (.059)
4516	4.5 ± 0.2 (.177 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.6 ± 0.2 (.063 ± .008)	0.5 ± 0.2 (.020 ± .008)	3.0 (.118)	1.4 (.055)	1.5 (.059)
3261	3.2 ± 0.2 (.126 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.1 ± 0.2 (.043 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.0 (.079)	1.4 (.053)	1.1 (.043)
3225	3.2 ± 0.2 (.126 ± .008)	2.5 ± 0.2 (.098 ± .008)	1.3 ± 0.2 (.051 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.2 (.118)	2.3 (.091)	1.1 (.043)
2029	2.0 ± 0.2 (.079 ± .008)	1.2 ± 0.2 (.047 ± .008)	0.9 ± 0.2 (.035 ± .008)	0.5 ± 0.2 (.020 ± .008)	1.0 (.040)	1.0 (.040)	1.0 (.040)
1608	1.6 ± 0.2 (.063 ± .008)	0.8 ± 0.2 (.031 ± .008)	0.8 ± 0.2 (.031 ± .008)	0.5 ± 0.2 (.020 ± .008)	0.7 (.028)	0.7 (.128)	0.7 (.128)

Reel Dimensions





Series	Pcs. per Reel	Gross Weight (g)	D	E	G	T
4532	1,000	170	12.0 (.472)	8.0 (.315)	14.0 + 0 (.551 + 0)	16.5 (.650)
4516	2,000	180	12.0 (.472)	8.0 (.315)	14.0 + 0 (.551 + 0)	16.5 (.650)
3261	3,000	150	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
3225	2,500	160	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
2029	4,000	120	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
1608	4,000	90	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)

BOURNS®

Features

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

Models MG1608-202Y, -222Y and MZ1608-152Y, -202Y, -152Y, -202Y, -122Y and -202Y are currently available but not recommended for new designs.

MG, MU, MZ Series High Impedance Chip Ferrite Beads

Electrical Specifications

Model Number	Impedance (Ω) at 100 MHz	RDC (Ω) Max.	IDC (mA) Max.
MU3261-300Y	30 ±25 %	0.20	500
MU3261-600Y	60 ±25 %	0.20	400
MU3261-750Y	75 ±25 %	0.20	400
MU3261-101Y	100 ±25 %	0.15	500
MU3261-121Y	120 ±25 %	0.15	900
MG3261-151Y	150 ±25 %	0.30	300
MU3261-221Y	220 ±25 %	0.35	700
MG3261-301Y	300 ±25 %	0.30	300
MU3261-301Y	300 ±25 %	0.30	300
MU3261-471Y	470 ±25 %	0.35	400
MU3261-601Y	600 ±25 %	0.30	200
MZ3261-601Y	600 ±25 %	0.30	200
MU3261-801Y	800 ±25 %	0.60	300
MU3261-102Y	1000 ±25 %	0.60	100
MZ3261-122Y	1200 ±25 % (at 50 MHz)	0.50	100
MU3261-122Y	1200 ±25 % (at 50 MHz)	0.50	100
MU3261-152Y	1500 ±25 % (at 50 MHz)	0.70	300
MZ3261-202Y	2000 ±25 % (at 30 MHz)	0.60	100
MU3261-202Y	2000 ±25 % (at 30 MHz)	0.60	100
MG2029-100Y	10 ±25 %	0.20	400
MG2029-300Y	30 ±25 %	0.10	400
MG2029-400Y	40 ±25 %	0.20	300
MU2029-600Y	60 ±25 %	0.10	900
MG2029-800Y	80 ±25%	0.20	300
MG2029-101Y	100 ±25 %	0.20	400
MG2029-121Y	120 ±25 %	0.25	300
MU2029-151Y	150 ±25 %	0.20	800
MU2029-221Y	220 ±25 %	0.30	500
MU2029-301Y	300 ±25 %	0.30	500
MU2029-471Y	470 ±25 %	0.35	700
MZ2029-601Y	600 ±25 %	0.40	100
MZ2029-601T	600 ±25 %	0.40	200
MZ2029-102Y	1000 ±25 %	0.45	100
MZ2029-152Y	1500 ±25 %	0.55	100
MZ2029-202Y	2000 ±25 %	0.60	50
MG1608-300Y	30 ±25 %	0.20	200
MG1608-400Y	40 ±25 %	0.30	300
MU1608-600Y	60 ±25 %	0.20	700
MG1608-800Y	80 ±25 %	0.30	300
MG1608-101Y	100 ±25 %	0.25	200
MG1608-121Y	120 ±25 %	0.30	200
MU1608-151Y	150 ±25 %	0.25	600
MU1608-221Y	220 ±25 %	0.30	200
MU1608-301Y	300 ±25 %	0.35	150
MU1608-471Y	470 ±25 %	0.45	350
MZ1608-601Y	600 ±25 %	0.45	100
MZ1608-102Y	1000 ±25 %	0.60	100
MZ1608-152Y	1500 ±25 %	0.70	50
MG1608-202Y	2000 ±25 %	0.80	50
MG1608-222Y	2200 ±25 %	1.50	200
MU1005-100Y	10 ±25 %	0.10	500
MU1005-300Y	30 ±25 %	0.20	300
MU1005-600Y	60 ±25 %	0.25	300
MU1005-121Y	120 ±25 %	0.30	100
MU1005-151Y	150 ±25 %	0.30	100
MU1005-221Y	220 ±25 %	0.40	100
MU1005-241Y	240 ±25 %	0.60	100
MU1005-301Y	300 ±25 %	0.50	100
MU1005-471Y	470 ±25 %	0.65	100
MU1005-601Y	600 ±25 %	0.80	80
MU1005-102Y	1000 ±25 %	1.20	80

*RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

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 seconds 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)
3261 Series .....1.0 F (Kg)
2029 Series .....0.6 F (Kg)
1608 Series .....0.5 F (Kg)

Materials

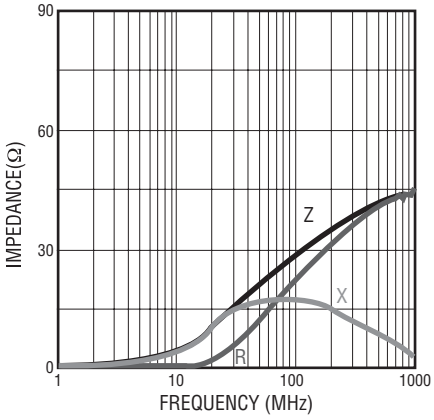
Core Material .....Ferrite
Internal Conductor .....Ag or Ag/Pd
Terminal .....Ag/Ni/Sn

Applications

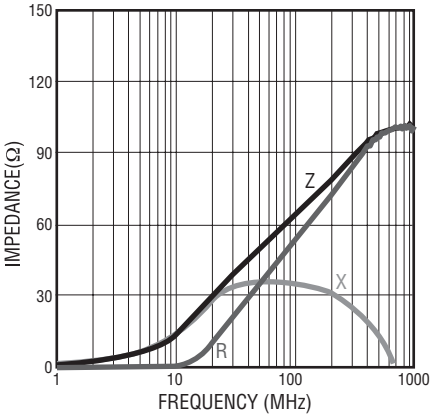
- Power supply lines
- IC power lines
- Signal lines

Electrical Specifications (continued)

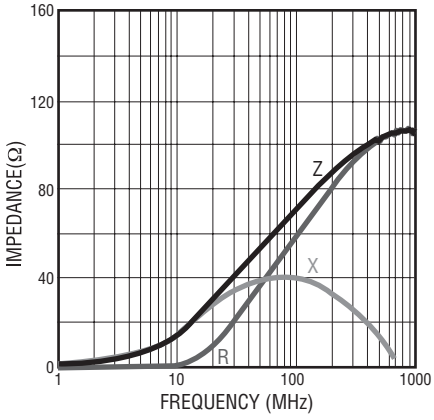
MU 3261- 300Y



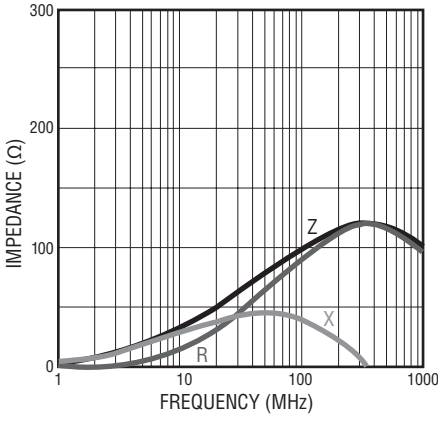
MU 3261- 600Y



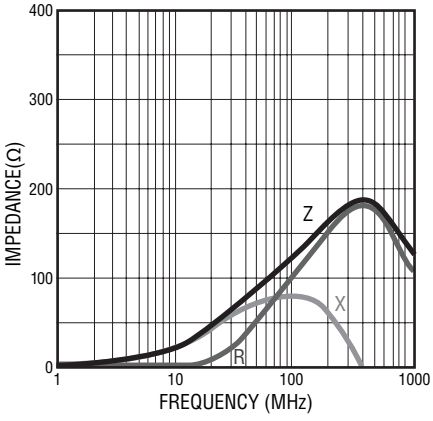
MU 3261- 750Y



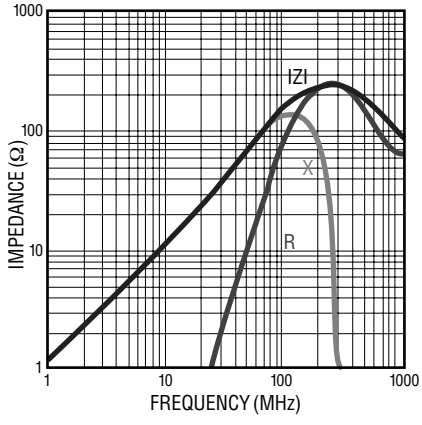
MU 3261- 101Y



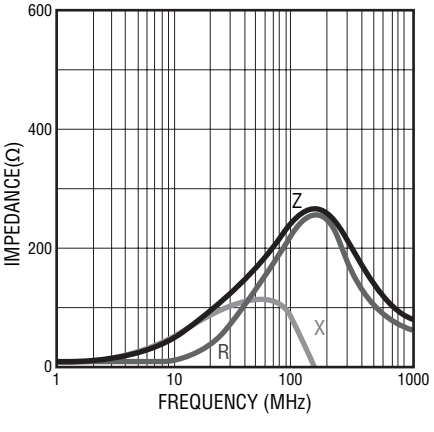
MU 3261- 121Y



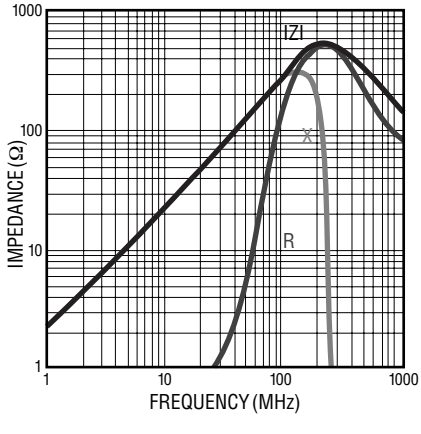
MG 3261- 151Y



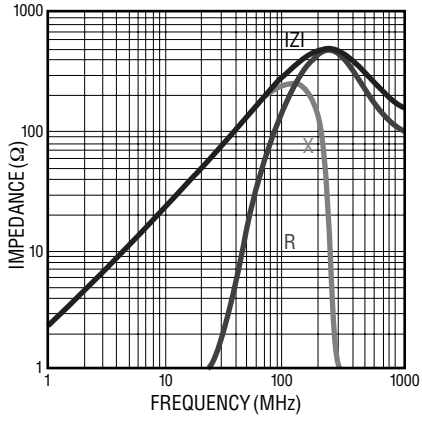
MU 3261- 221Y



MG 3261- 301Y

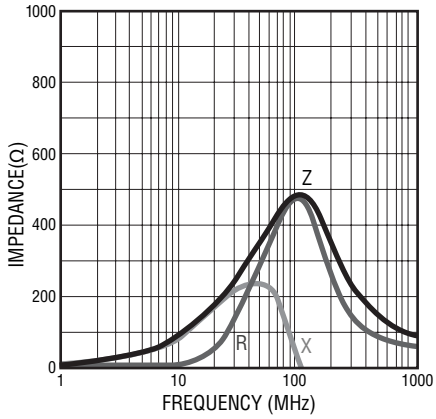


MU 3261- 301Y

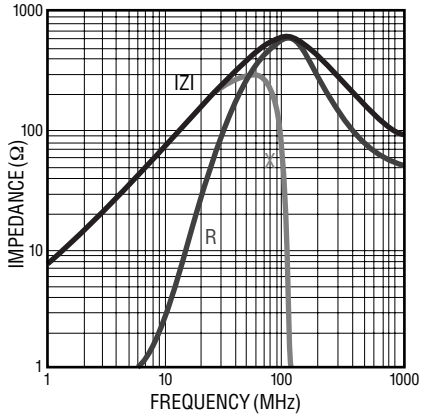


Electrical Specifications (continued)

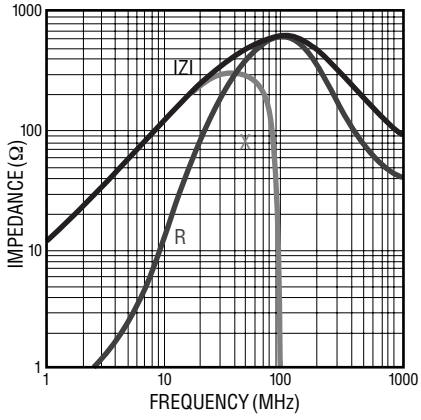
MU 3261- 471Y



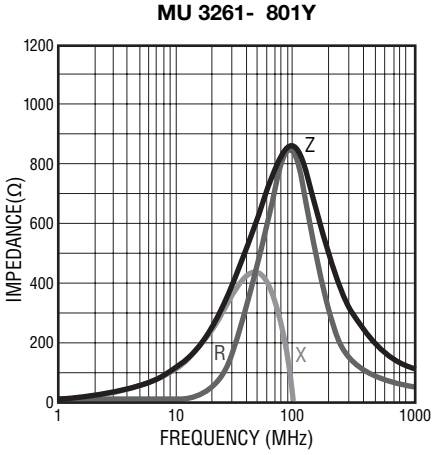
MU 3261- 601Y



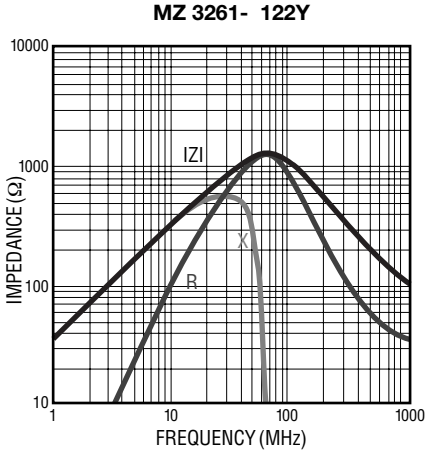
MZ 3261- 601Y



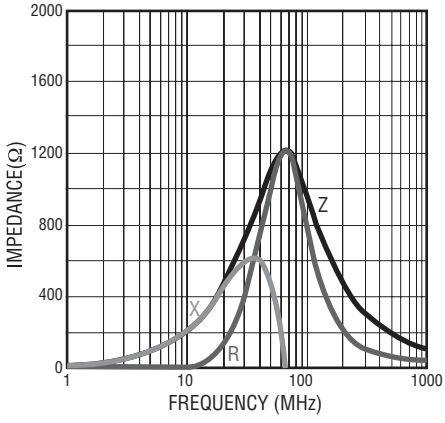
MU 3261- 801Y



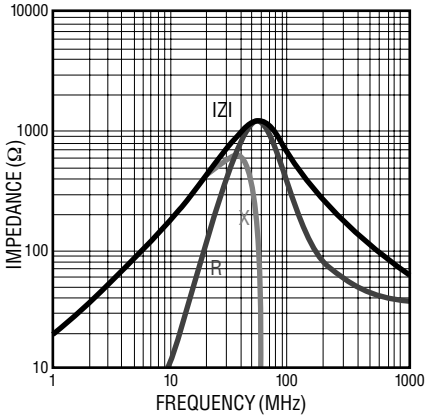
MZ 3261- 122Y



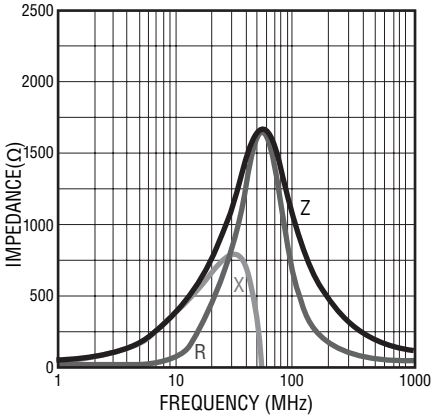
MU 3261- 102Y



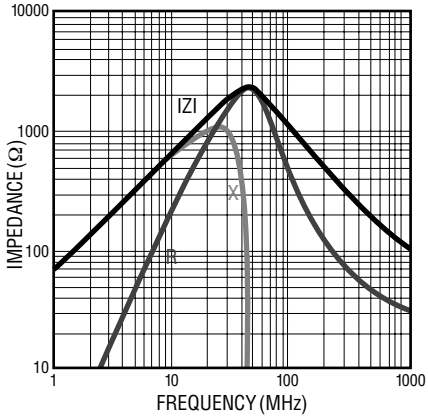
MU 3261- 122Y



MU 3261- 152Y

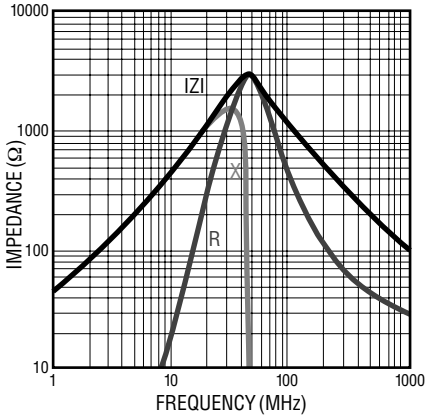


MZ 3261- 202Y

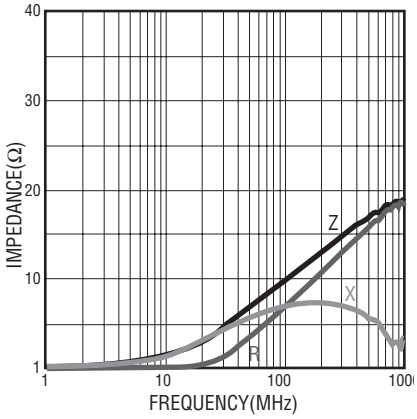


Electrical Specifications (continued)

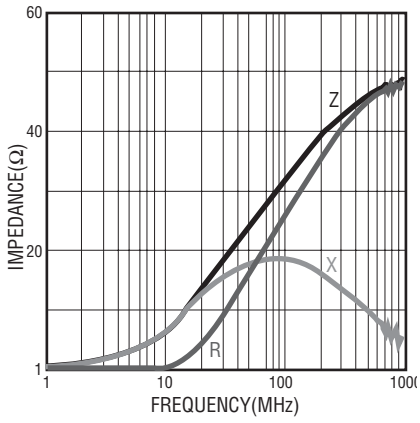
MU 3261- 202Y



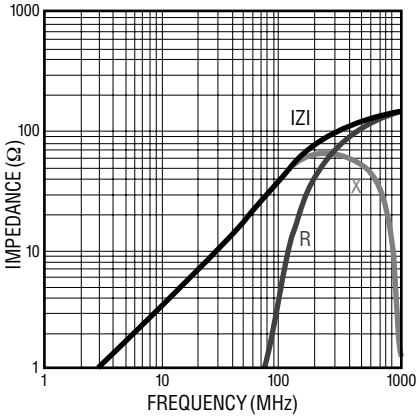
MG 2029- 100Y



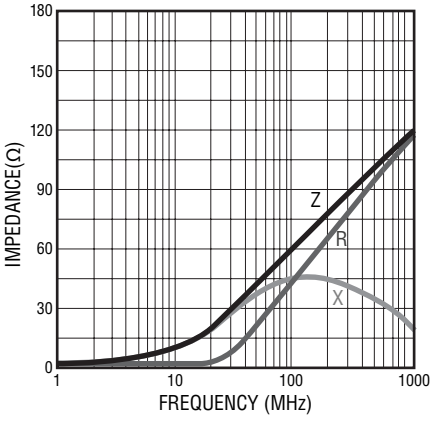
MG 2029- 300Y



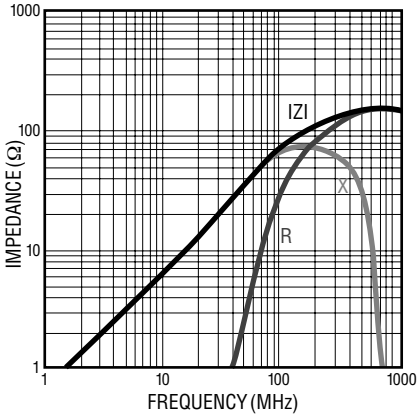
MG 2029- 400Y



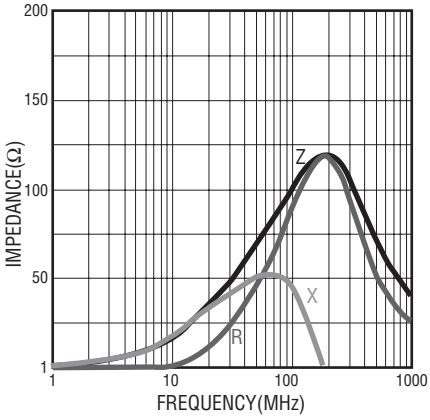
MU 2029- 600Y



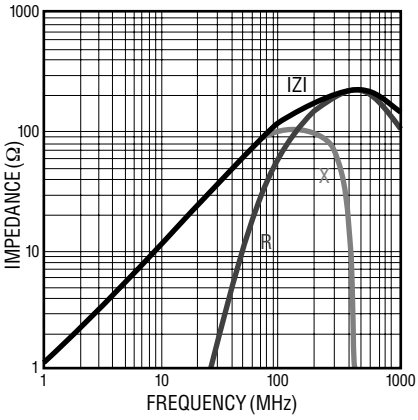
MG 2029- 800Y



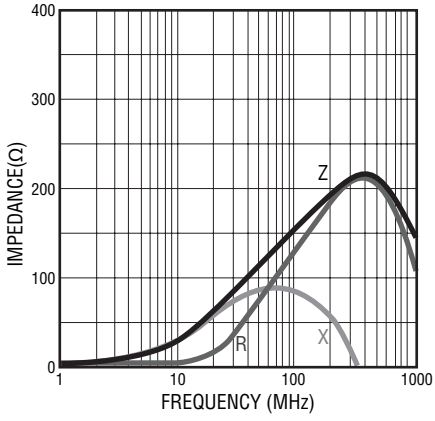
MG 2029- 101Y



MG 2029- 121Y

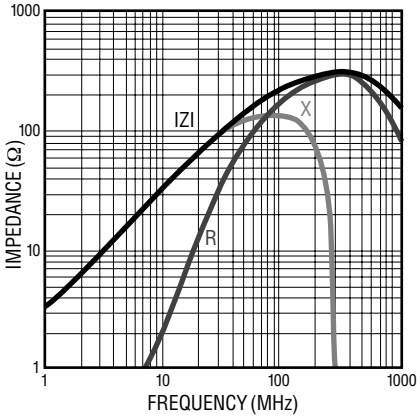


MU 2029- 151Y

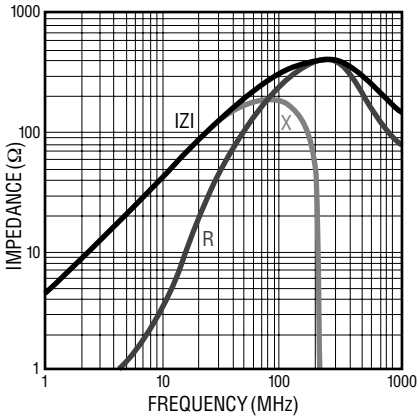


Electrical Specifications (continued)

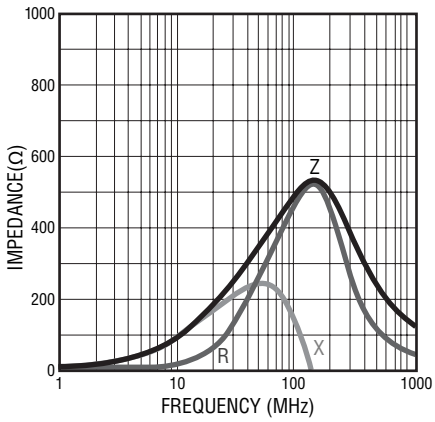
MU 2029- 221Y



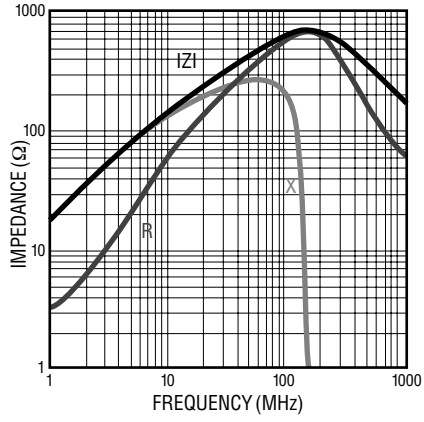
MU 2029- 301Y



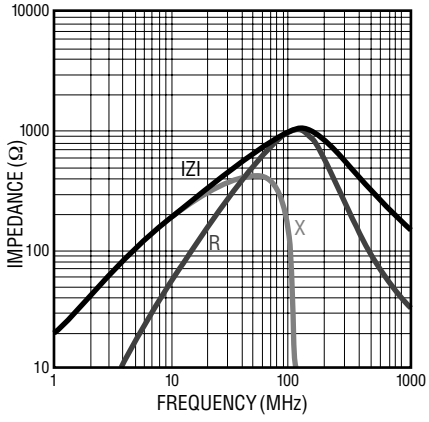
MU 2029- 471Y



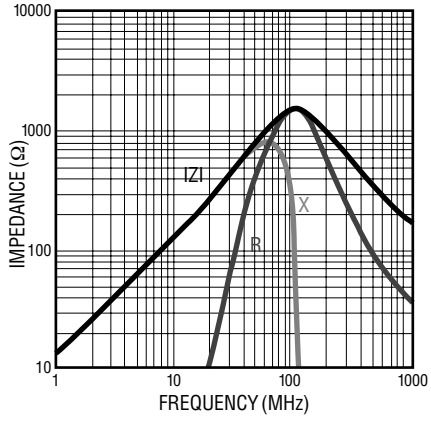
MZ 2029- 601Y



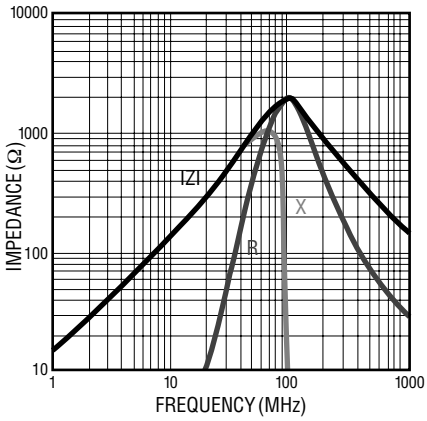
MZ 2029- 102Y



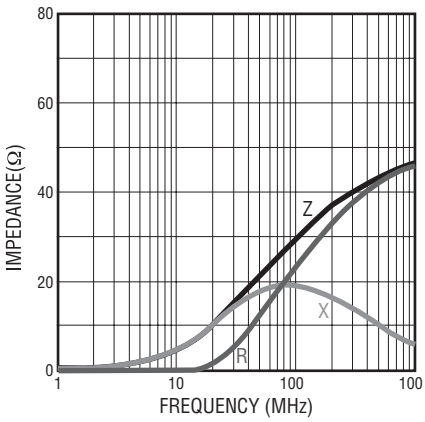
MG 2029- 152Y



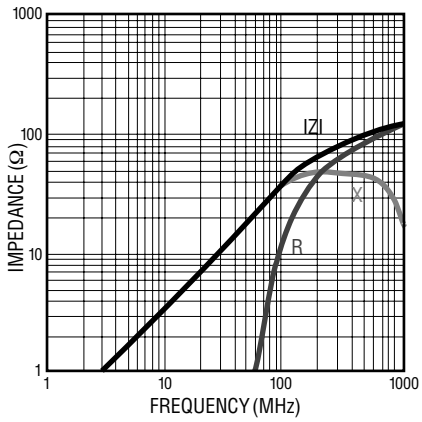
MG 2029- 202Y



MU 1608- 300Y

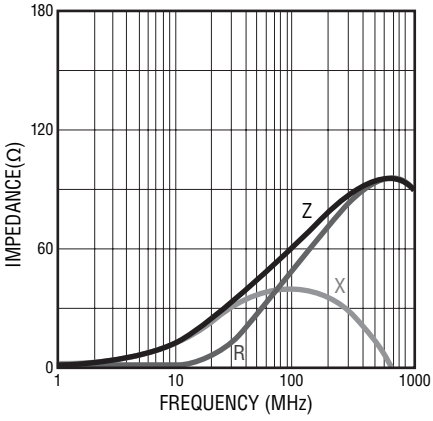


MG 1608- 400Y

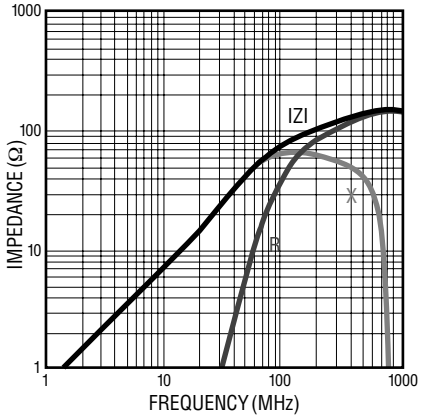


Electrical Specifications (continued)

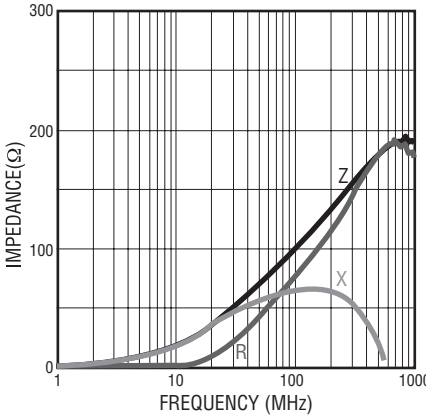
MU 1608- 600Y



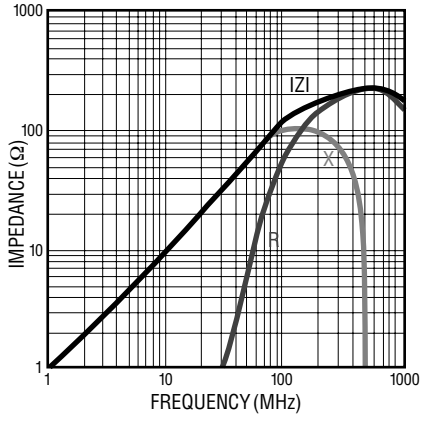
MG 1608- 800Y



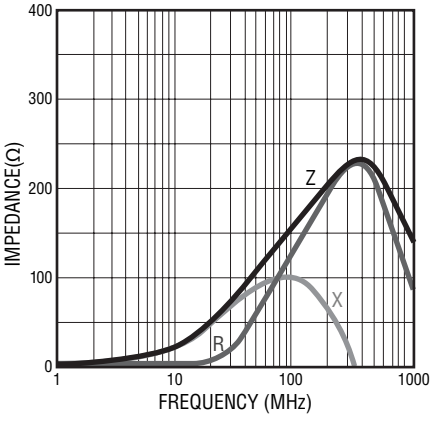
MU 1608- 101Y



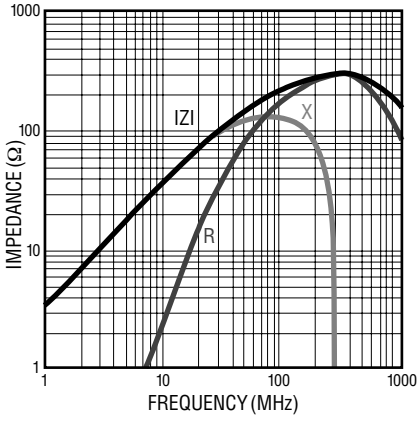
MG 1608- 121Y



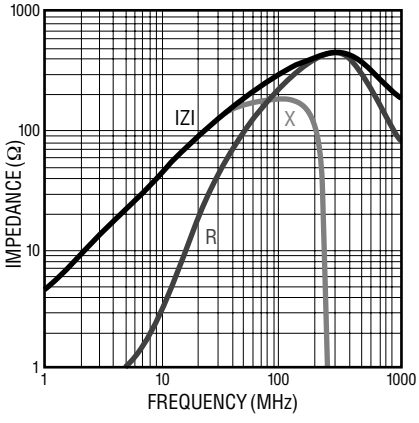
MU 1608- 151Y



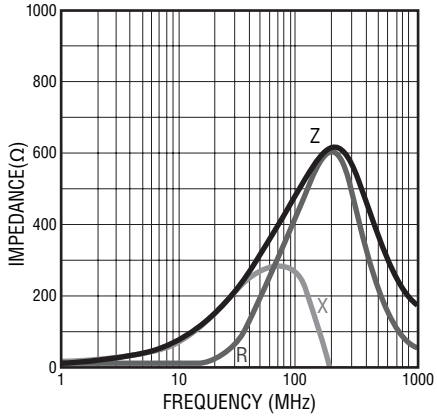
MU 1608- 221Y



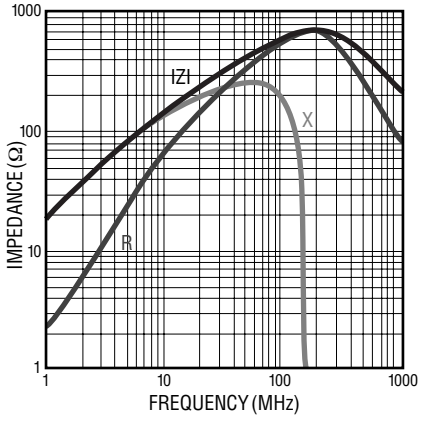
MU 1608- 301Y



MU 1608- 471Y

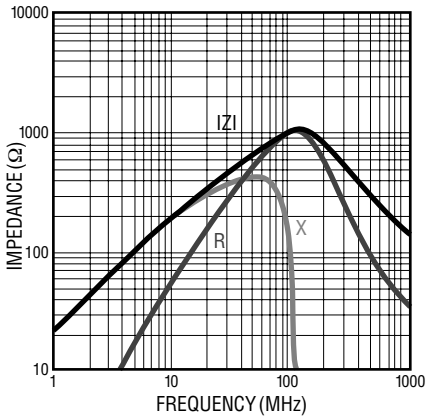


MZ 1608- 601Y

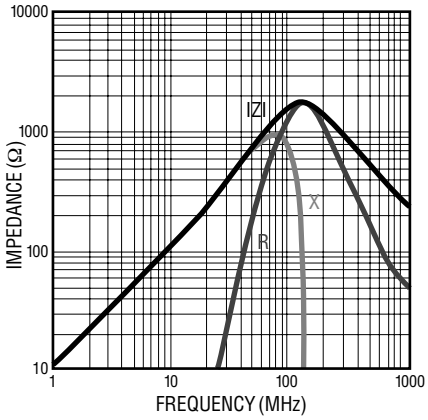


Electrical Specifications (continued)

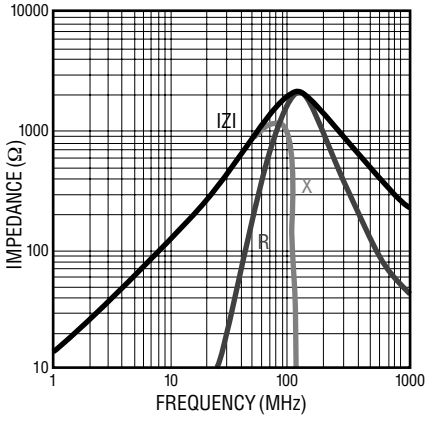
MZ 1608- 102Y



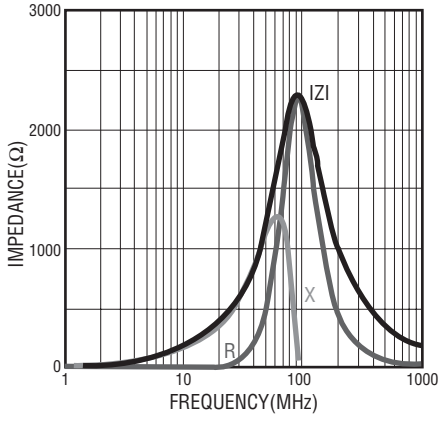
MG 1608- 152Y



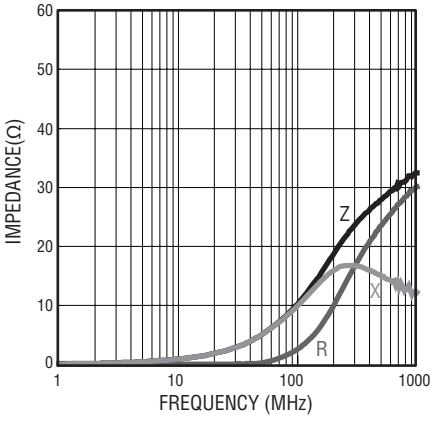
MG 1608- 202Y



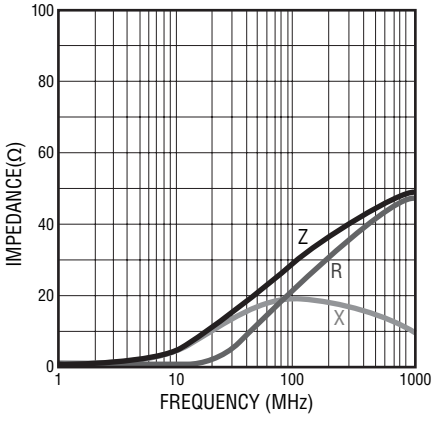
MZ 1608- 222Y



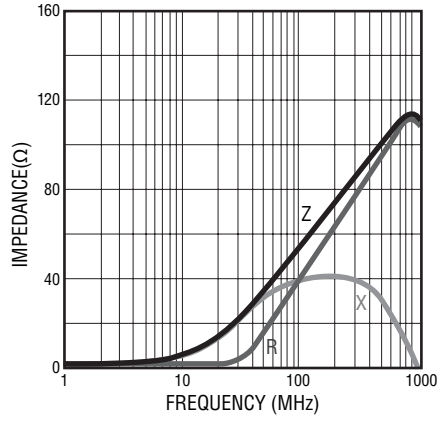
MU 1005- 100Y



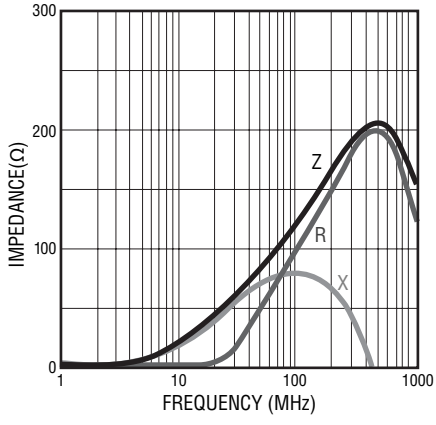
MU 1005- 300Y



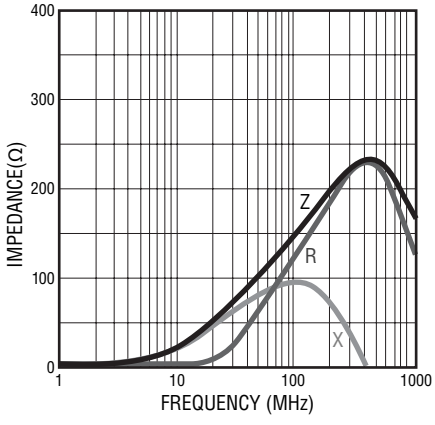
MU 1005- 600Y



MU 1005- 121Y

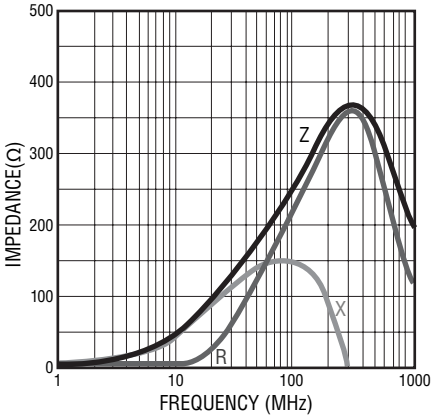


MU 1005- 151Y

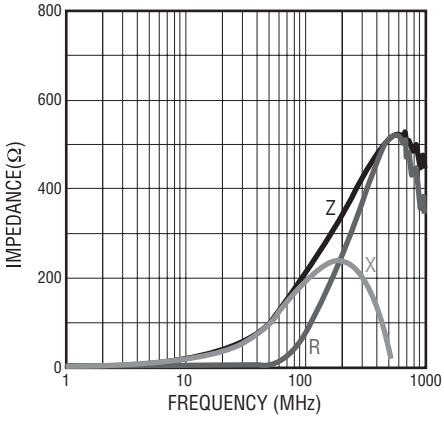


Electrical Specifications (continued)

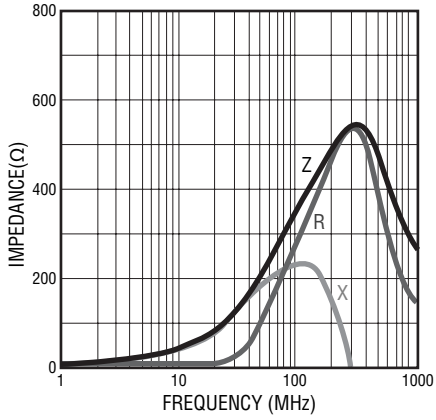
MU 1005- 221Y



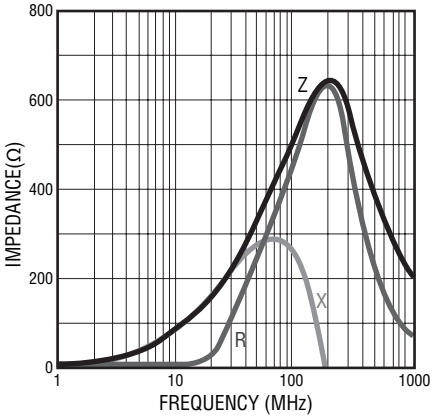
MU 1005- 241Y



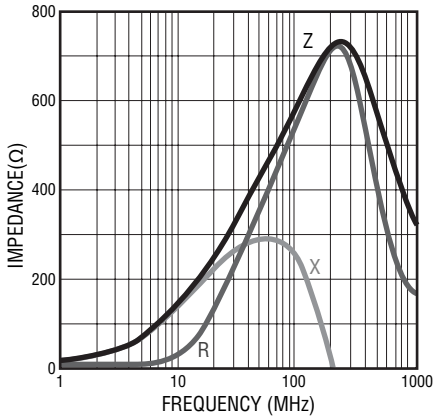
MU 1005- 301Y



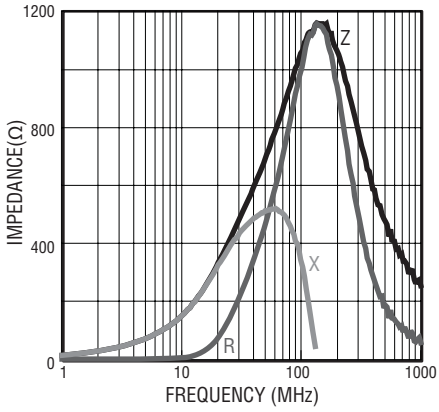
MU 1005- 471Y



MU 1005- 601Y



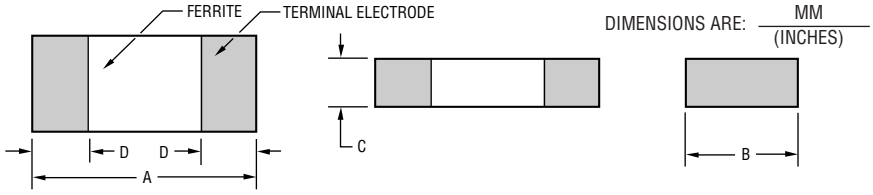
MU 1005- 102Y



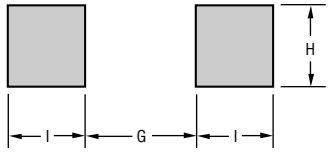
MG, MU, MZ Series High Impedance Chip Ferrite Beads

BOURNS®

Product Dimensions

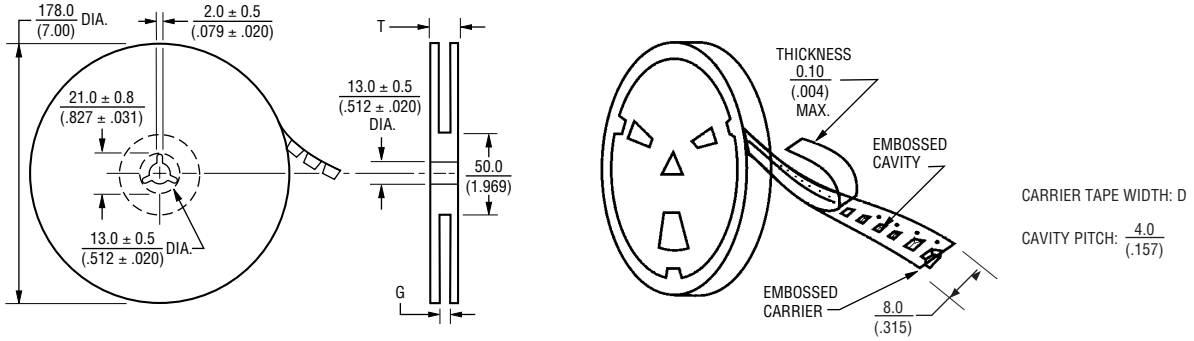


Recommended Land Pattern



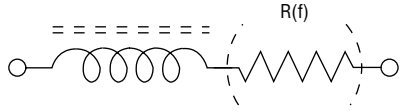
Series	A	B	C	D	G	H	I
3261	3.2 ±0.2 (.126 ±.008)	1.6 ±0.2 (.063 ±.008)	1.1 ±0.2 (.043 ±.008)	0.5 ±0.2 (.020 ±.008)	2.0 (.079)	1.4 (.053)	1.1 (.043)
2029	2.0 ±0.2 (.079 ±.008)	1.2 ±0.2 (.047 ±.008)	0.9 ±0.2 (.035 ±.008)	0.5 ±0.2 (.020 ±.008)	1.0 (.040)	1.0 (.040)	1.0 (.040)
1608	1.6 ±0.2 (.063 ±.008)	0.8 ±0.2 (.031 ±.008)	0.8 ±0.2 (.031 ±.008)	0.5 ±0.2 (.020 ±.008)	0.7 (.028)	0.7 (.128)	0.7 (.128)
1005	1.0 ±0.10 (.04 ±.004)	0.50 ±0.10 (0.02 ±.004)	0.50 ±0.10 (.02 ±.004)	0.25 ±0.10 (.01 ±.004)	0.5 (.02)	0.55 (.022)	0.7 (.028)

Reel Dimensions

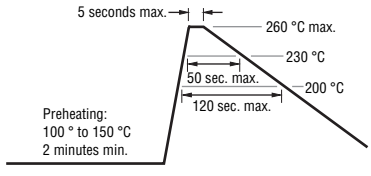


Series	Pcs. per Reel	Gross Weight (g)	D	G	T
3261	3,000	150	8.0 (.315)	10.0 +0 (.394 +0)	12.5 (.492)
2029	4,000	120			
1608	4,000	90			
1005	10,000	135			

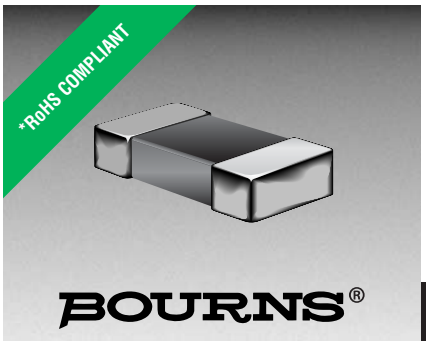
Equivalent Circuit



Recommended Soldering



REV. 05/11



BOURNS®

Features

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

This series is currently available but is not recommended for new designs.

MT Series Low Impedance Chip Ferrite Beads

Electrical Specifications

Model Number	Impedance (Ω) at 100 MHz	RDC (Ω) Max.	IDC (mA) Max.
MT4532-250Y	25 ±25 %	0.4	300
MT4532-700Y	70 ±25 %	0.3	300
MT4532-121Y	120 ±25 %	0.3	300
MT4532-131Y	125 ±25 %	0.3	300
MT4516-800Y	80 ±25 %	0.3	300
MT4516-101Y	100 ±25 %	0.1	500
MT4516-151Y	150 ±25 %	0.3	300
MT3225-310Y	31 ±25 %	0.3	400
MT3225-520Y	52 ±25 %	0.3	400
MT3225-600Y	60 ±25 %	0.3	400
MT3266-600Y	60 ±25 %	0.3	400
MT3261-190Y	19 ±25 %	0.2	500
MT3261-260Y	26 ±25 %	0.2	500
MT3261-310Y	31 ±25 %	0.2	500
MT3261-420Y	42 ±25 %	0.2	500
MT3261-500Y	50 ±25 %	0.2	500
MT3261-700Y	70 ±25 %	0.2	500
MT3261-900Y	90 ±25 %	0.2	500
MT2029-070Y	7 ±25 %	0.2	600
MT2029-100Y	10 ±25 %	0.2	600
MT2029-110Y	11 ±25 %	0.2	600
MT2029-170Y	17 ±25 %	0.1	600
MT2029-260Y	26 ±25 %	0.1	600
MT2029-300Y	30 ±25 %	0.1	600
MT2029-400Y	40 ±25 %	0.1	600
MT1608-050Y	5 ±25 %	0.2	600
MT1608-090Y	9 ±25 %	0.2	500
MT1608-300Y	30 ±25 %	0.3	400

General Specifications

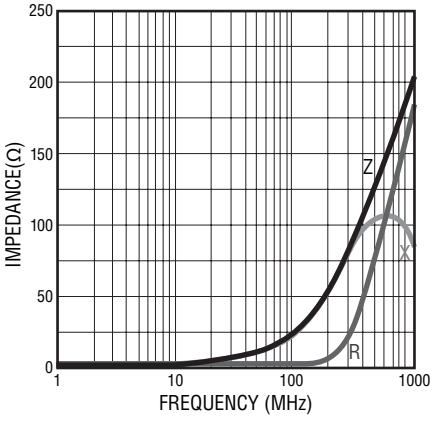
Operating Temperature .....-55 °C to +125 °C
Storage Temperature ..-55 °C to +125 °C
Storage Condition .....+40 °C max. at 70 % RH
Reflow Soldering .....230 °C, 50 seconds max.
Resistance to Soldering Heat .....260 °C, 5 seconds
Rated Current .....Based on max. temperature rise of +40 °C
Terminal Strength
(Force "F" applied for 30 seconds)
4532 Series .....1.5 F (Kg)
4516 Series .....1.0 F (Kg)
3225 Series .....1.0 F (Kg)
3266 Series .....1.0 F (Kg)
3261 Series .....1.0 F (Kg)
2029 Series .....0.6 F (Kg)
1608 Series .....0.5 F (Kg)

Materials

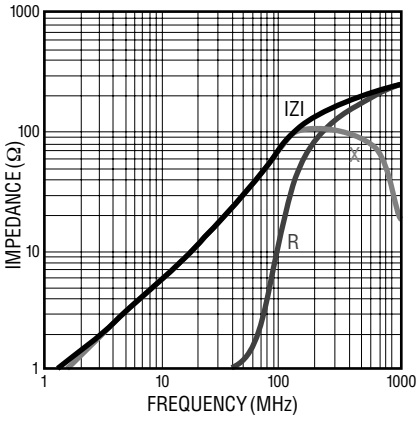
Core Material .....Ferrite
Internal Conductor .....Ag or Ag/Pd
Terminal .....Ag/Ni/Sn

Electrical Specifications (continued)

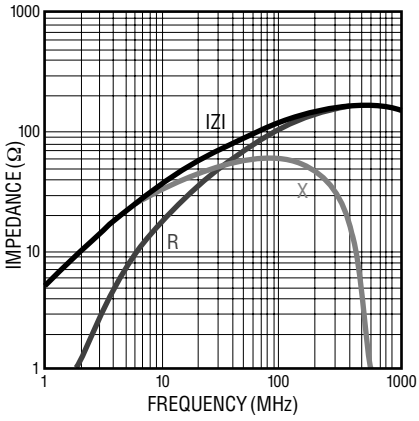
MT 4532- 250Y



MT 4532- 700Y



MT 4532- 121Y



*RoHS Directive 2002/95/EC Jan 27, 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

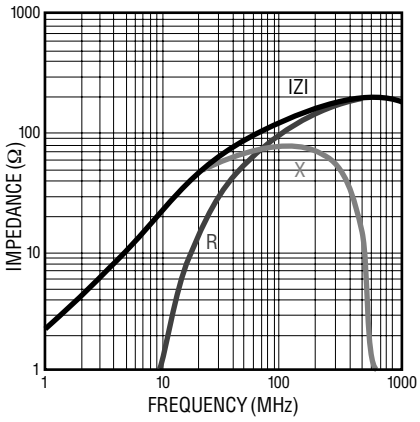
Applications

- Power supply lines
- IC power lines
- Signal lines

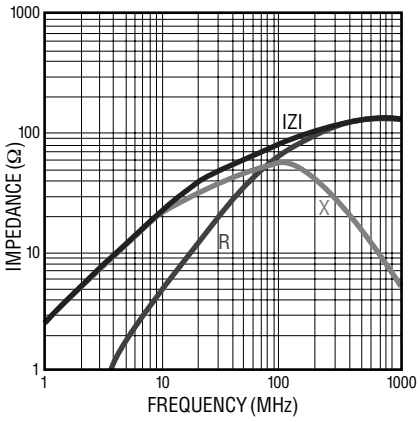
MT Series Low Impedance Chip Ferrite Beads

Electrical Specifications (continued)

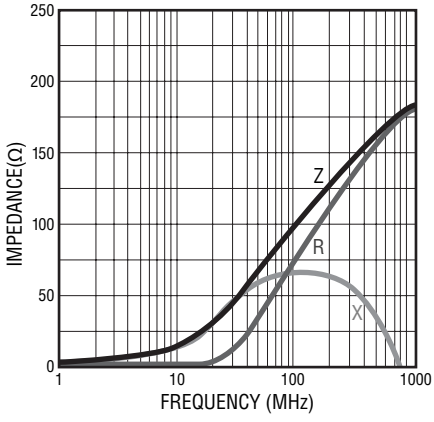
MT 4532- 131Y



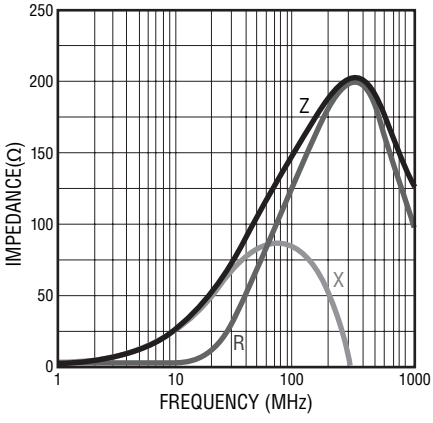
MT 4516- 800Y



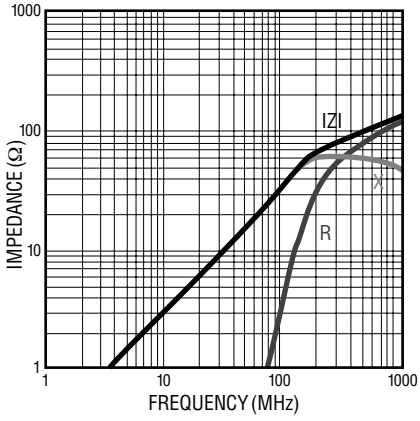
MT 4516- 101Y



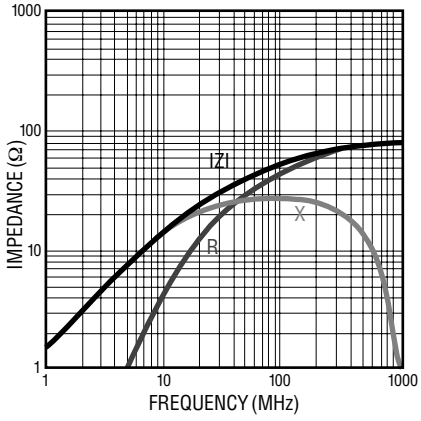
MT 4516- 151Y



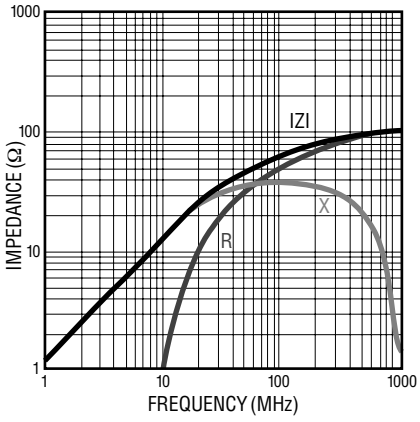
MT 3225- 310Y



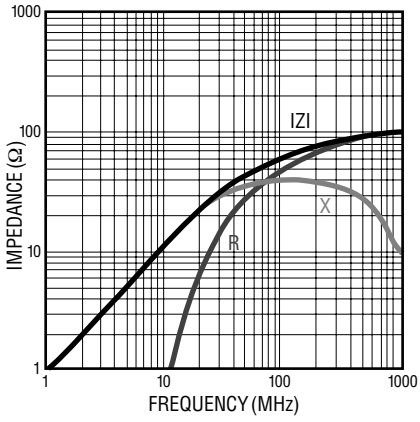
MT 3225- 520Y



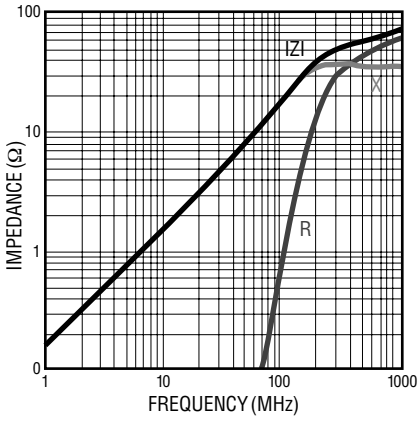
MT 3225- 600Y



MT 3266- 600Y



MT 3261- 190Y



Specifications are subject to change without notice.
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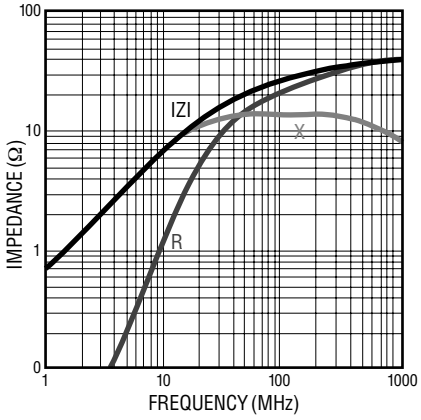
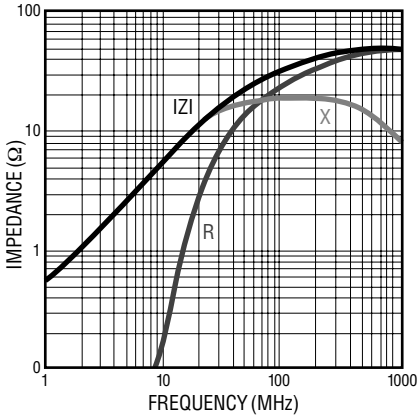
MT Series Low Impedance Chip Ferrite Beads

Electrical Specifications (continued)

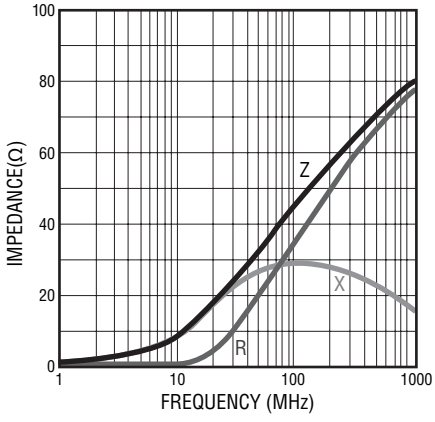
MT 3261- 260Y



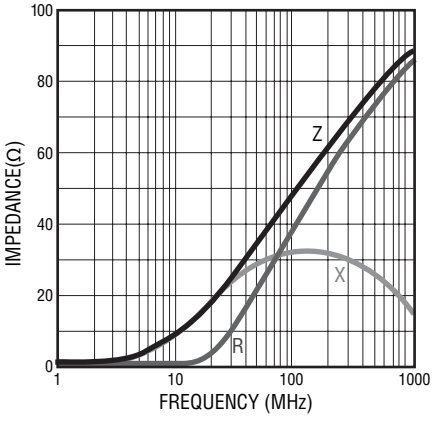
MT 3261- 310Y



MT 3261- 420Y



MT 3261- 500Y



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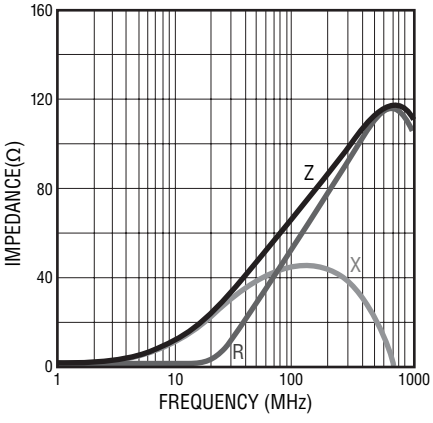
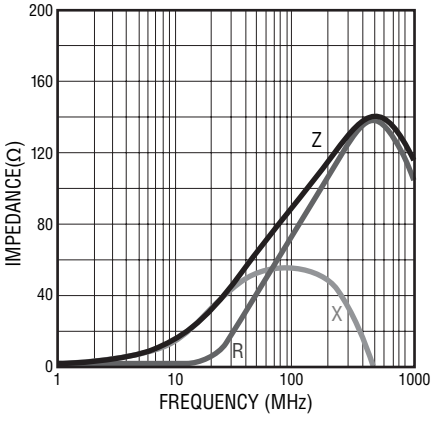
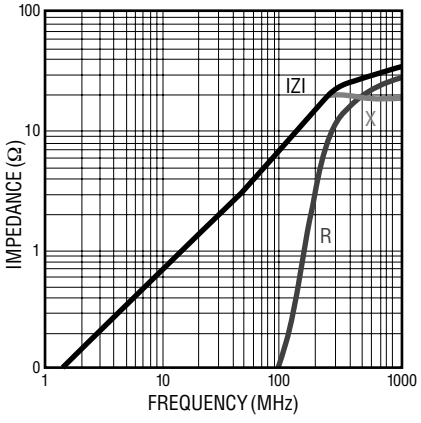


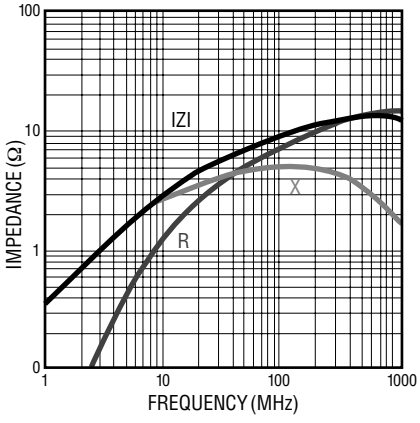
MT 3261- 900Y



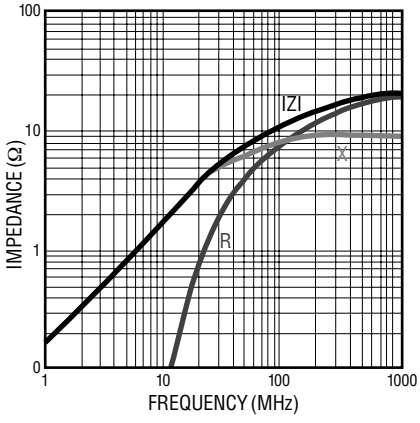
MT 2029- 070Y



MT 2029- 100Y



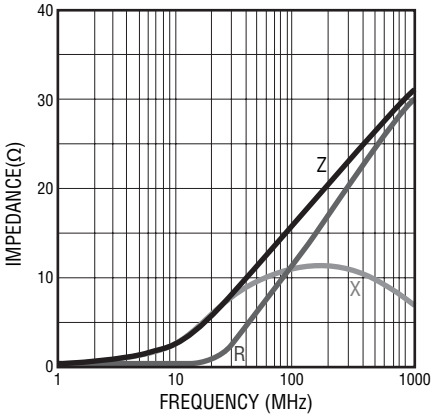
MT 2029- 110Y



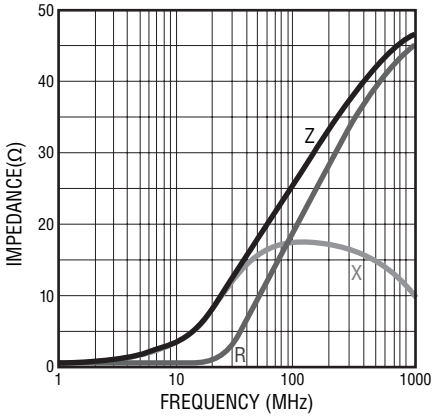
MT Series Low Impedance Chip Ferrite Beads

Electrical Specifications (continued)

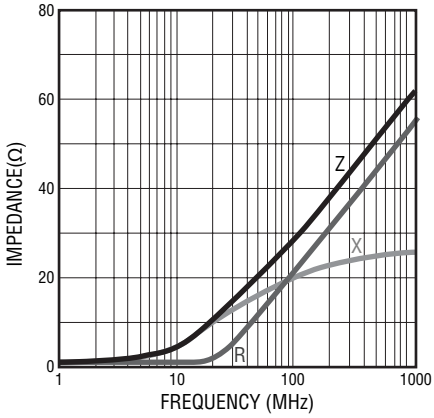
MT 2029- 170Y



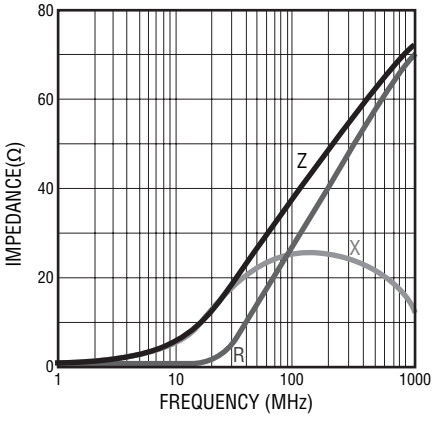
MT 2029- 260Y



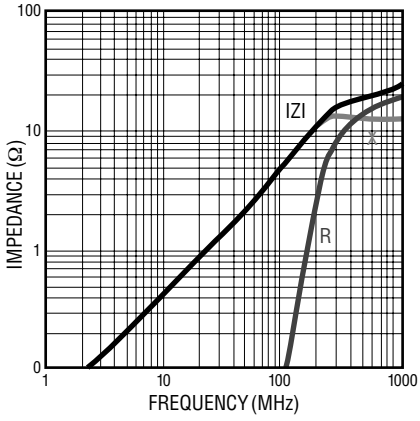
MT 2029- 300Y



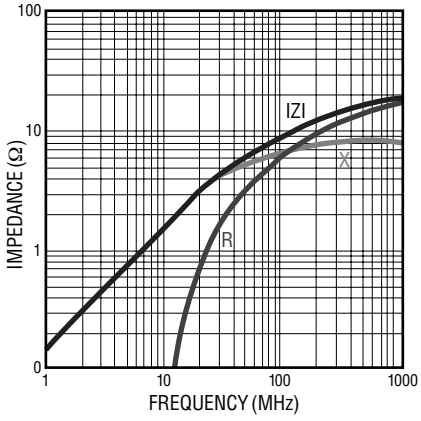
MT 2029- 400Y



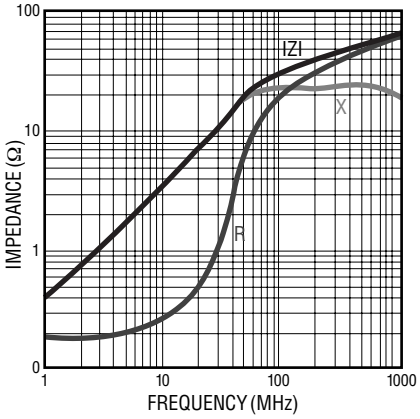
MT 1608- 050Y



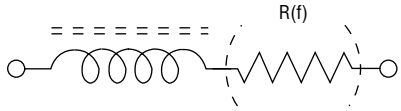
MT 1608- 090Y



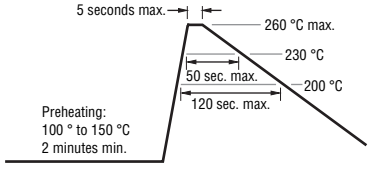
MT 1608- 300Y



Equivalent Circuit



Recommended Soldering



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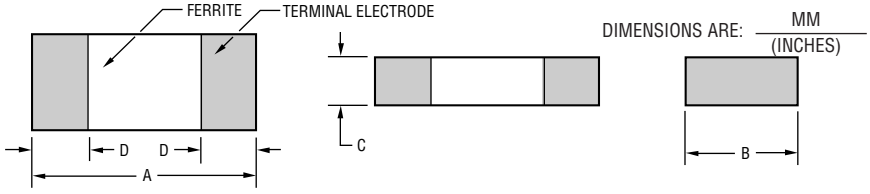
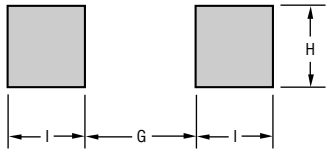
MT Series Low Impedance Chip Ferrite Beads

Product Dimensions

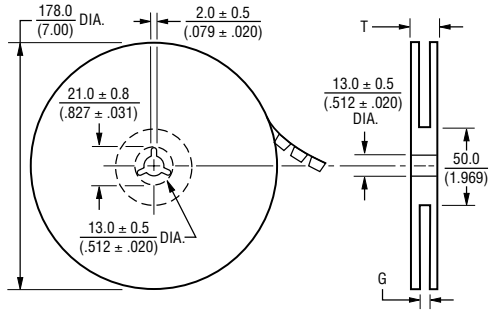


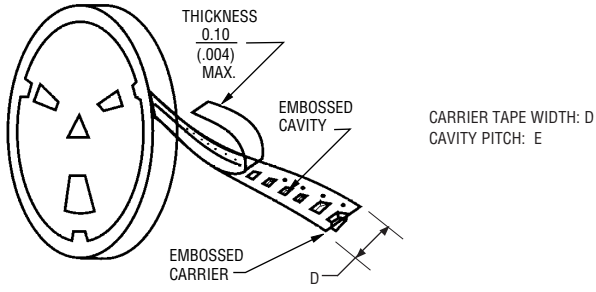
Recommended Land Pattern



Series	A	B	C	D	G	H	I
4532	4.5 ± 0.2 (.177 ± .008)	3.2 ± 0.2 (.126 ± .008)	1.5 ± 0.2 (.059 ± .008)	0.5 ± 0.2 (.020 ± .008)	3.0 (.118)	3.0 (.118)	1.5 (.059)
4516	4.5 ± 0.2 (.177 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.6 ± 0.2 (.063 ± .008)	0.5 ± 0.2 (.020 ± .008)	3.0 (.118)	1.4 (.055)	1.5 (.059)
3266	3.2 ± 0.2 (.126 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.6 ± 0.2 (.063 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.2 (.118)	1.4 (.053)	1.1 (.043)
3261	3.2 ± 0.2 (.126 ± .008)	1.6 ± 0.2 (.063 ± .008)	1.1 ± 0.2 (.043 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.0 (.079)	1.4 (.053)	1.1 (.043)
3225	3.2 ± 0.2 (.126 ± .008)	2.5 ± 0.2 (.098 ± .008)	1.3 ± 0.2 (.051 ± .008)	0.5 ± 0.2 (.020 ± .008)	2.2 (.118)	2.3 (.091)	1.1 (.043)
2029	2.0 ± 0.2 (.079 ± .008)	1.2 ± 0.2 (.047 ± .008)	0.9 ± 0.2 (.035 ± .008)	0.5 ± 0.2 (.020 ± .008)	1.0 (.040)	1.0 (.040)	1.0 (.040)
1608	1.6 ± 0.2 (.063 ± .008)	0.8 ± 0.2 (.031 ± .008)	0.8 ± 0.2 (.031 ± .008)	0.5 ± 0.2 (.020 ± .008)	0.7 (.028)	0.7 (.128)	0.7 (.128)

Reel Dimensions





Series	Pcs. per Reel	Gross Weight (g)	D	E	G	T
4532	1,000	170	12.0 (.472)	8.0 (.315)	14.0 + 0 (.551 + 0)	16.5 (.650)
4516	2,000	180	12.0 (.472)	8.0 (.315)	14.0 + 0 (.551 + 0)	16.5 (.650)
3266	2,000	140	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
3261	3,000	150	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
3225	2,500	160	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
2029	4,000	120	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)
1608	4,000	90	8.0 (.315)	4.0 (.157)	10.0 + 0 (.394 + 0)	12.5 (.492)

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