

RL-7900-2

COMMON MODE CHOKE COILS FOR SIGNAL LINES

DESCRIPTION

- Common Mode Choke

ENVIRONMENTAL DATA

- Storage temperature range: -55°C to +130°C
- Operating temperature range: -40°C to +130°C

PACKAGING INFORMATION

- Packaging information: pg. 506

FEATURES & APPLICATIONS

- Small size of 3216 Type (EIA 1206)
- Great performance in suppressing noise over high frequency
- Ferrite or ceramic body with wire-wound type of construction
- Suitable for radiation noise suppression for any electronic devices
- Also used to counter common mode noise interference within high speed signal lines
- Typical applications include: USB 2.0 line, peripheral devices, and IEEE 1394 line for personal computers

Verify operation with sample in actual circuit. Order samples at www.rencousa.com.

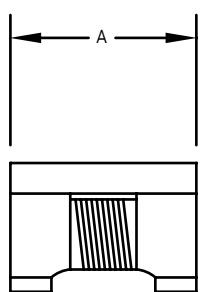
MECHANICAL DIMENSIONS

U.S. Standard (mm)

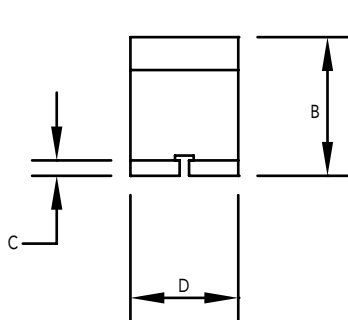
PART NUMBER	A (MAX.)	B (MAX.)	C	D (MAX.)	E	F
RL-7900-2	0.130 (3.40)	0.090 (2.20)	0.010 (0.17)	0.070 (1.80)	0.020 (0.60)	0.020 (0.60)

PART NUMBER	PART WEIGHT	G (REF.)	H (REF.)	I (REF.)	J (REF.)
RL-7900-2	0.12g (0.004oz)	0.040 (1.05)	0.020 (0.60)	0.074 (1.90)	0.020 (0.60)

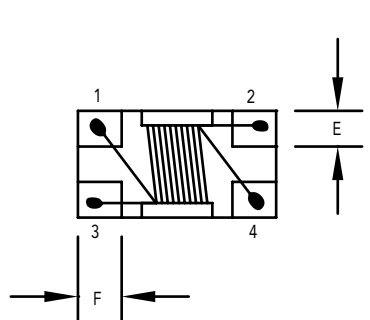
FRONT VIEW



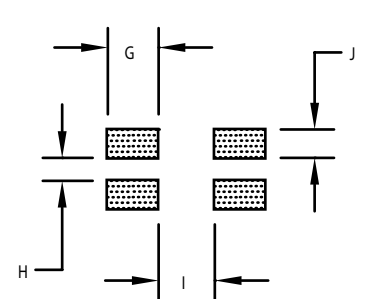
SIDE VIEW



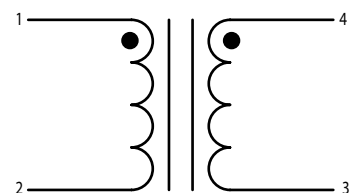
BOTTOM VIEW



RECOMMENDED LAND PATTERN



SCHEMATIC



RL-7900-2

Renco Part No. RL-7900-2	Common Mode Impedance (Ohms)	Test Frequency (MHz)	DCR Max. (Ohms)	Rated Current (mA)	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	IR (Ohms) Min.
RL-7900-2-30	30 ± 25%	100	0.20	400	50	125	10M
RL-7900-2-67	67 ± 25%	100	0.30	400	50	125	10M
RL-7900-2-80	80 ± 25%	100	0.30	400	50	125	10M
RL-7900-2-90	90 ± 25%	100	0.30	400	50	125	10M
RL-7900-2-120	120 ± 25%	100	0.30	400	50	125	10M
RL-7900-2-160	160 ± 25%	100	0.35	350	50	125	10M
RL-7900-2-180	180 ± 25%	100	0.35	350	50	125	10M
RL-7900-2-220	220 ± 25%	100	0.45	300	50	125	10M
RL-7900-2-260	260 ± 25%	100	0.45	300	50	125	10M
RL-7900-2-280	280 ± 25%	100	0.45	300	50	125	10M
RL-7900-2-300	300 ± 25%	100	0.50	300	50	125	10M
RL-7900-2-360	360 ± 25%	100	0.60	300	50	125	10M
RL-7900-2-430	430 ± 25%	100	0.60	300	50	125	10M
RL-7900-2-470	470 ± 25%	100	0.70	300	50	125	10M
RL-7900-2-550	550 ± 25%	100	0.75	300	50	125	10M
RL-7900-2-600	600 ± 25%	100	0.80	300	50	125	10M
RL-7900-2-2200	2200 ± 25%	100	1.20	200	50	125	10M



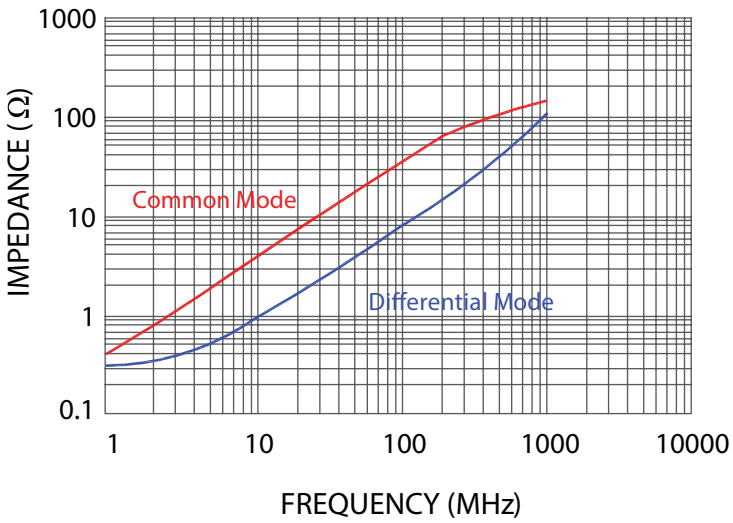
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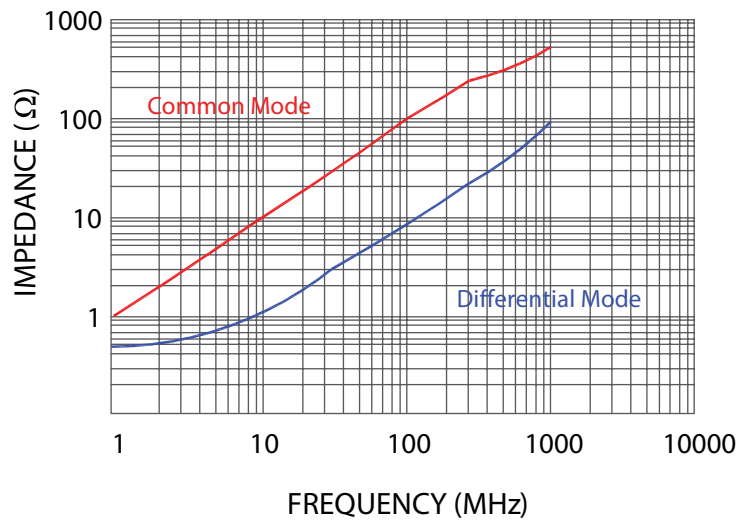


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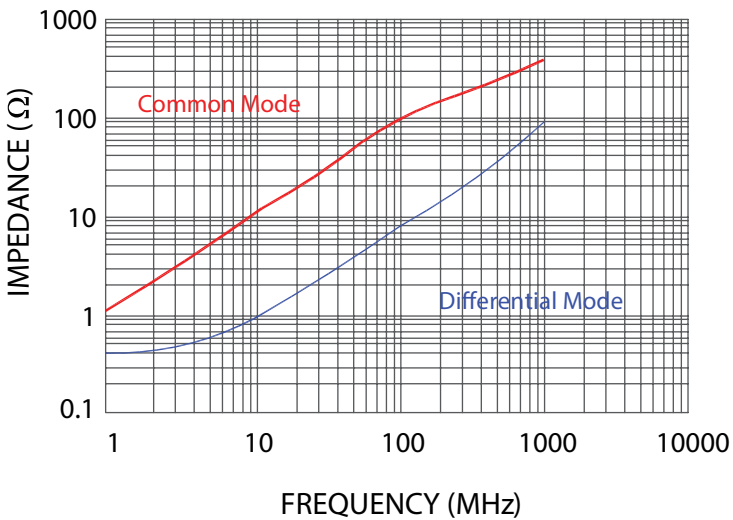
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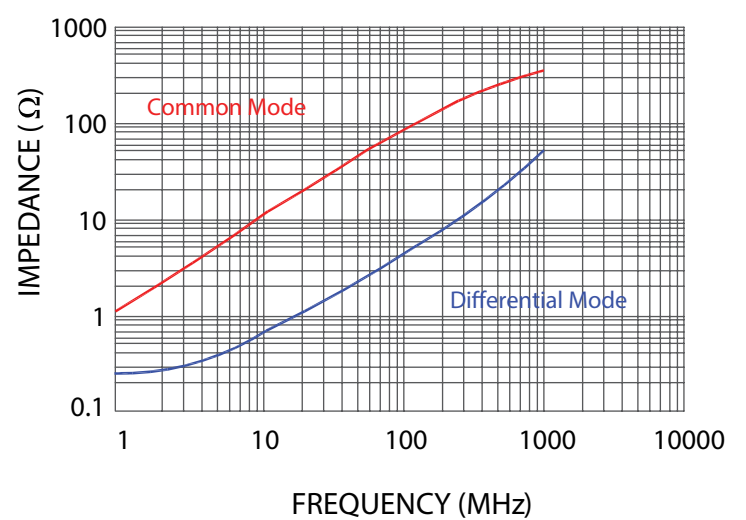
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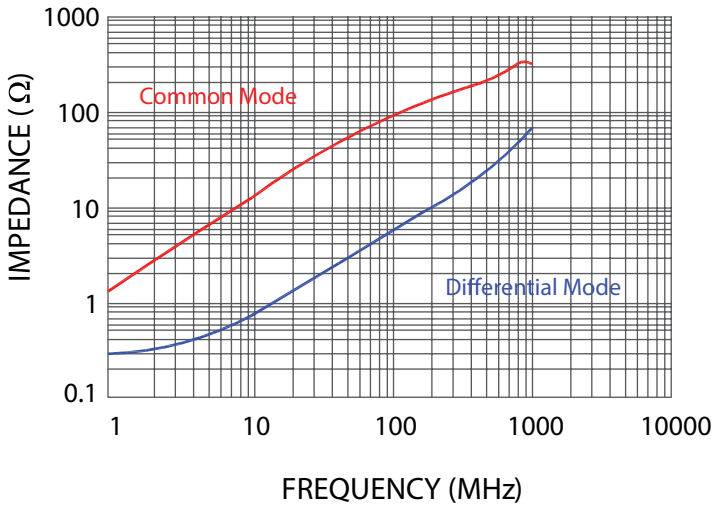


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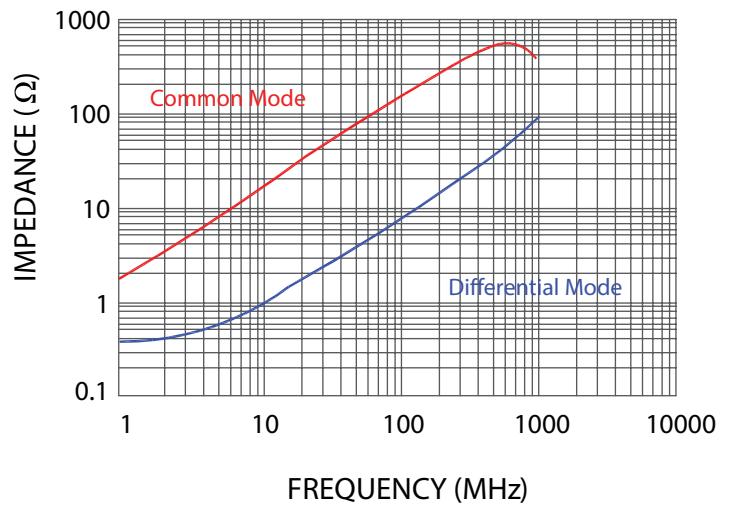


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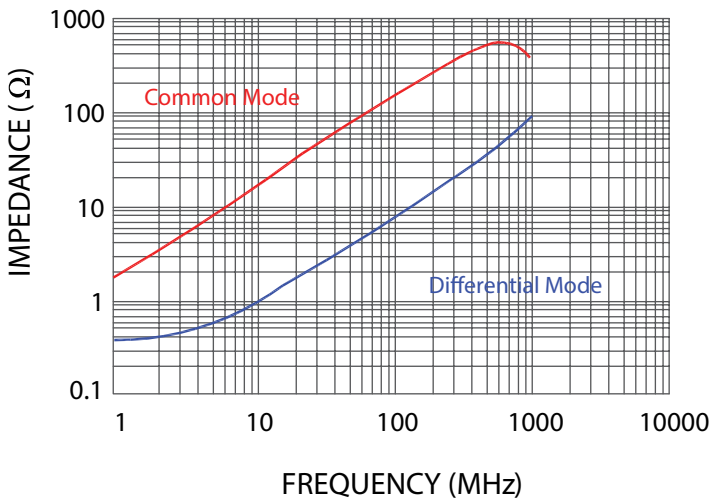
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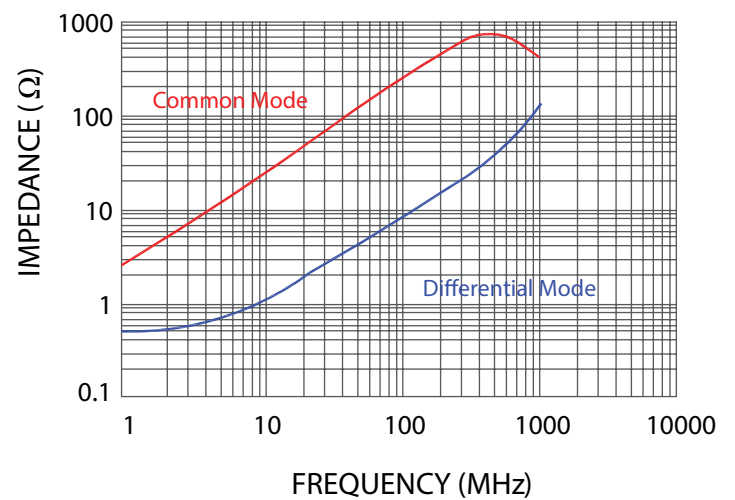
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RL-7900-2-180



RL-7900-2-220

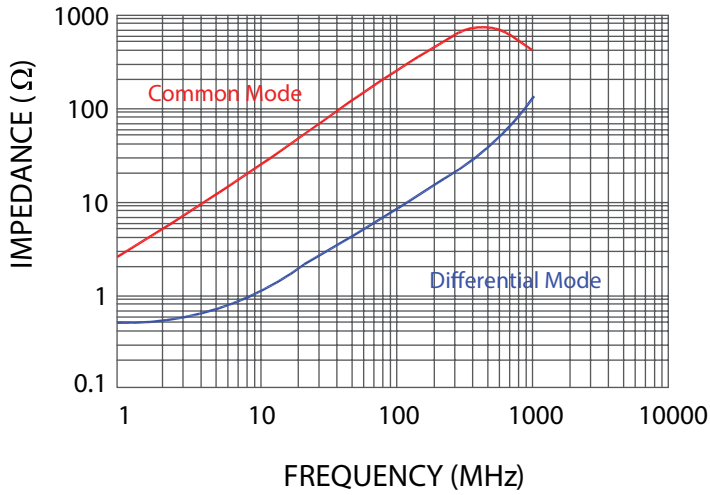


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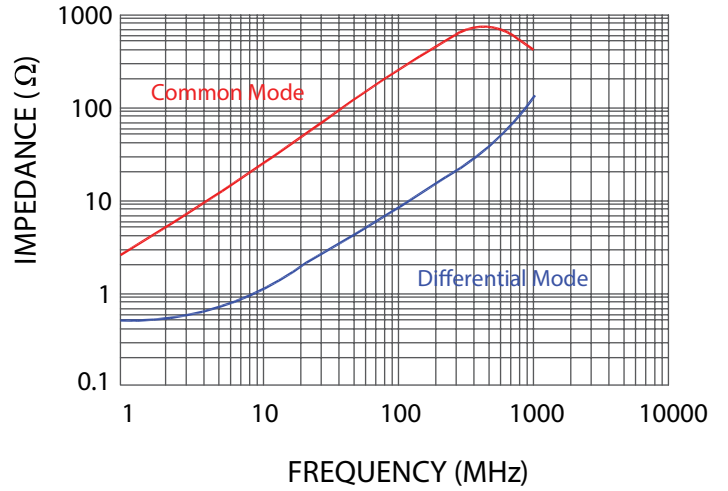
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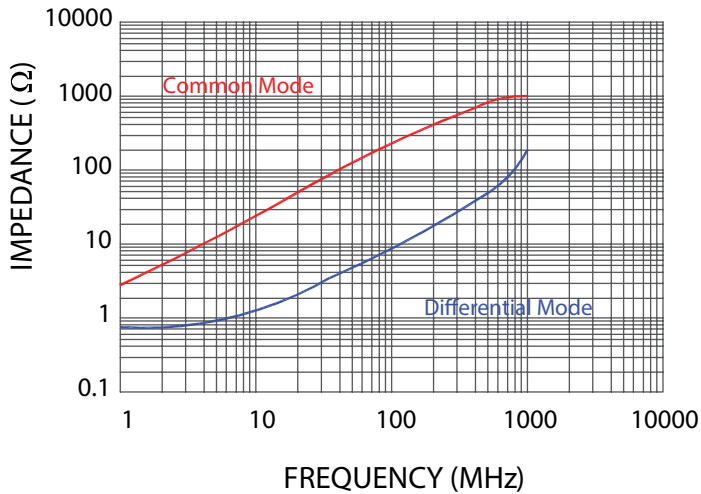
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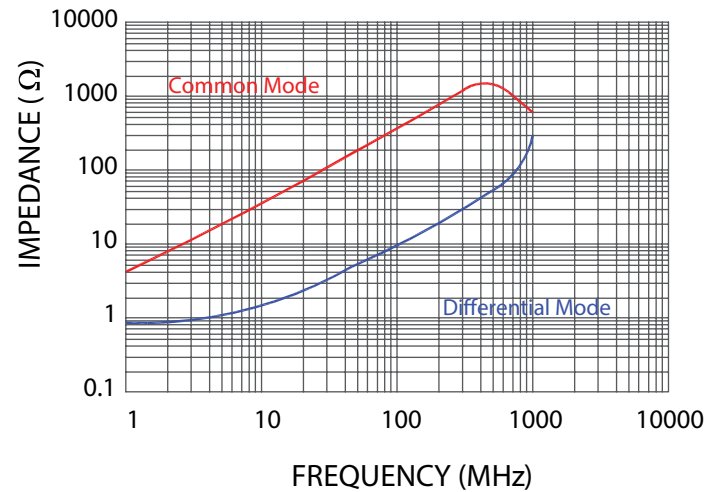
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RL-7900-2-300

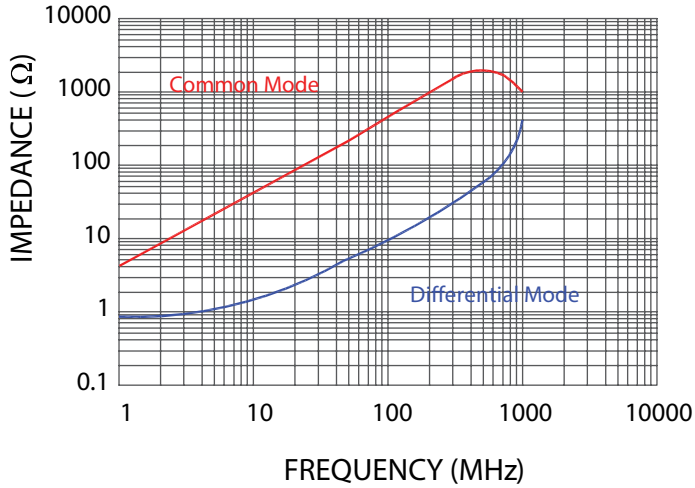


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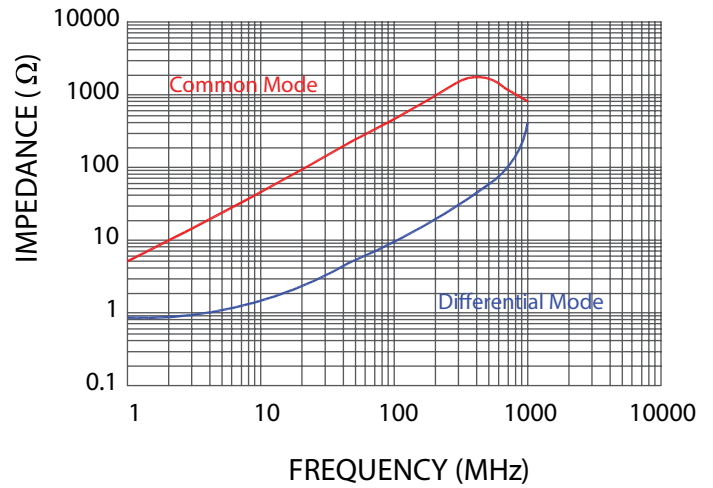


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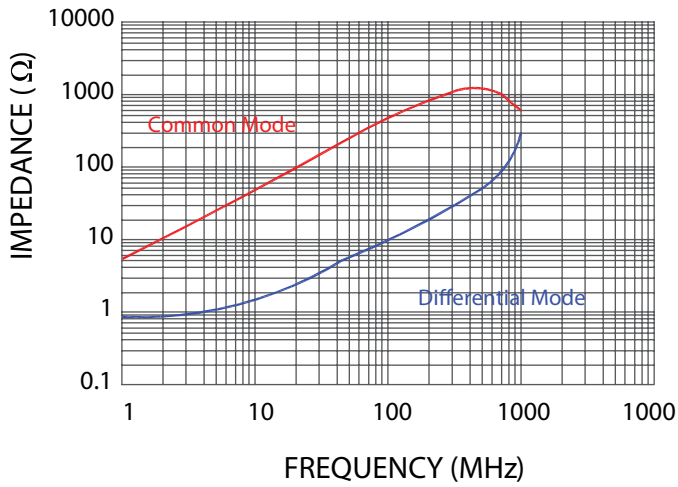
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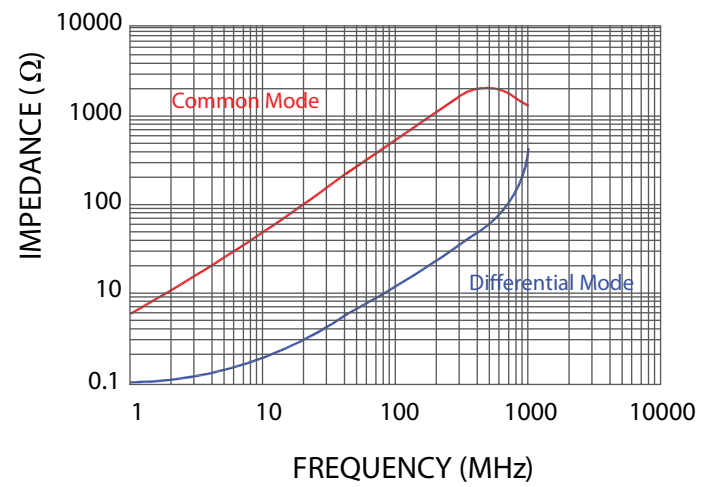
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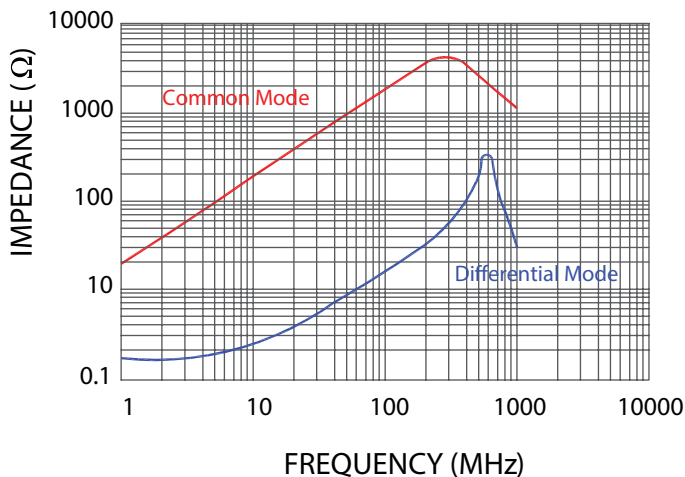
RL-7900-2-550



RL-7900-2-600



RL-7900-2-2200



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