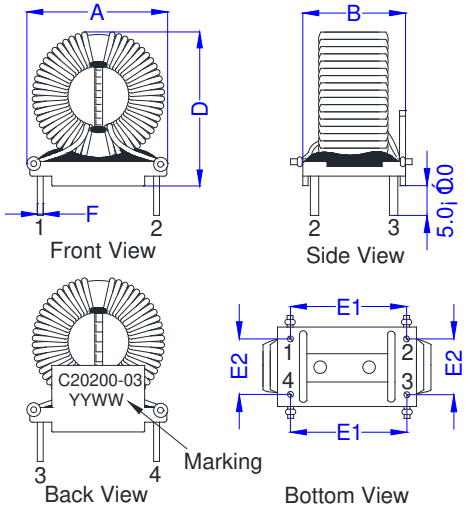
C20200 Series

1. Special Features:

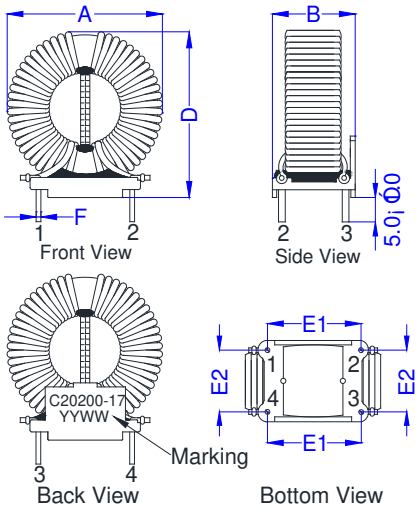


- Single wire wound.
- Excellent EMI suppression capability over wide frequency spectrum.
- High current capacity.
- Dielectric strength:1500Vrms.
- Coil mount on UL94-V0 rated plastic header.
- Fixed pin spacing allow easy PCB insertion.
- Operating temperature: -55 to +105℃.

2. Mechanical Dimension (Unit:mm):



C20200-01 ~ C20200-03



C20200-04 ~ C20200-23

3. Electrical Specification:

ITG Part Number	L(mH)Min. @1KHz	Irate(A) Max.	DCR(Ω) Max.	Dim. A Max.	Dim. B Max.	Dim. D Max.	Dim. E1 ±0.40	Dim. E2 ±0.40	Dim. F ±0.10
C20200-01	4.00	1.70	0.173	19.30	12.50	22.86	15.24	6.35	1.00
C20200-02	2.50	2.40	0.090	19.30	12.50	22.86	15.24	6.35	1.00
C20200-03	1.00	4.80	0.022	19.30	12.50	22.86	15.24	6.35	1.00
C20200-04	10.00	2.40	0.170	30.48	15.50	30.48	20.32	10.16	1.27
C20200-05	7.00	2.80	0.120	30.48	15.50	30.48	20.32	10.16	1.27
C20200-06	5.00	3.70	0.070	30.48	15.50	30.48	20.32	10.16	1.27
C20200-07	2.00	6.60	0.022	30.48	15.50	30.48	20.32	10.16	1.27
C20200-08	1.00	10.00	0.010	30.48	15.50	30.48	20.32	10.16	1.27
C20200-09	30.00	2.30	0.330	34.29	20.60	36.83	22.86	15.24	1.27
C20200-10	20.00	1.00	0.210	34.29	20.60	36.83	22.86	15.24	1.27
C20200-11	12.00	4.00	0.110	34.29	20.60	36.83	22.86	15.24	1.27
C20200-12	8.00	5.60	0.055	36.83	20.60	36.83	22.86	15.24	1.27
C20200-13	5.00	8.90	0.022	36.83	20.60	38.10	22.86	15.24	1.27

Notes: Irate is defined as the applied current level that causes an approx. 35 ℃ temperature rise without force air flow.

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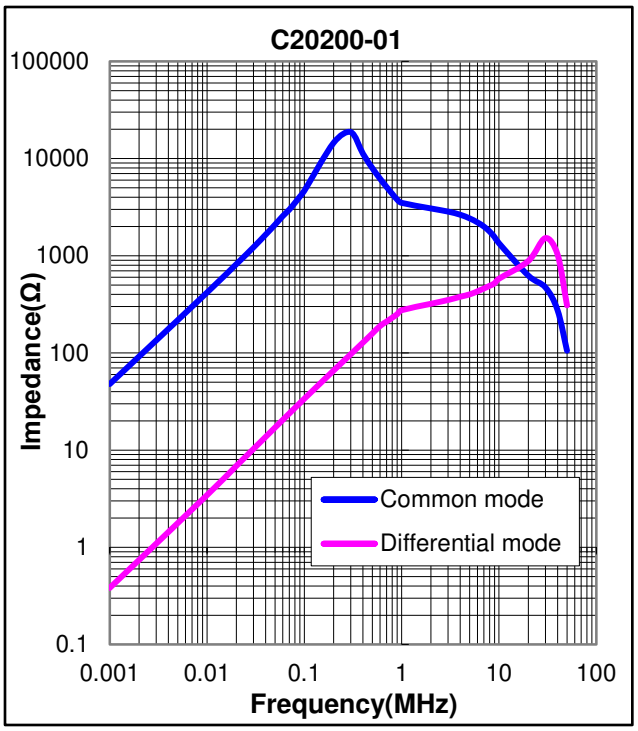
C20200 Series

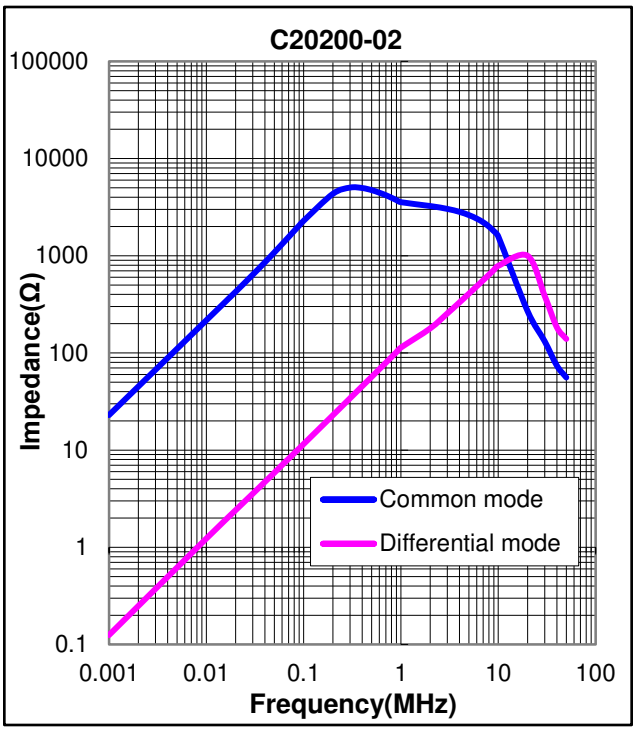
3. Electrical Specification:

ITG Part Number	L(mH)Min. @1KHz	Irate(A) Max.	DCR(Ω) Max.	Dim. A Max.	Dim. B Max.	Dim. D Max.	Dim. E1 ±0.40	Dim. E2 ±0.40	Dim. F ±0.10
C20200-14	2.50	12.50	0.011	36.83	20.60	38.10	22.86	15.24	1.27
C20200-15	1.20	16.00	0.006	38.10	20.60	38.86	22.86	15.24	1.27
C20200-16	50.00	2.30	0.450	41.90	20.60	42.50	22.86	15.24	1.27
C20200-17	36.00	2.90	0.300	41.90	20.60	42.50	22.86	15.24	1.27
C20200-18	7.30	9.30	0.032	43.18	20.60	42.50	22.86	15.24	1.27
C20200-19	4.00	14.50	0.012	45.00	23.10	42.50	30.48	17.78	1.27
C20200-20	2.40	17.00	0.008	45.00	23.50	41.91	30.48	17.78	1.27
C20200-21	1.00	20.00	0.007	45.00	23.50	41.91	30.48	17.78	1.27
C20200-22	0.50	14.00	0.005	38.10	22.00	38.86	22.86	15.24	1.27
C20200-23	0.60	25.00	0.0036	47.00	24.00	41.91	30.48	17.78	1.27
C20200-24	3.00	13.00	0.011	45.00	21.50	44.00	22.86	15.24	1.27

Notes: Irate is defined as the applied current level that causes an approx. 35 ℃ temperature rise without force air flow.

4. Impedance vs Frequency Curve of C20200 Series :



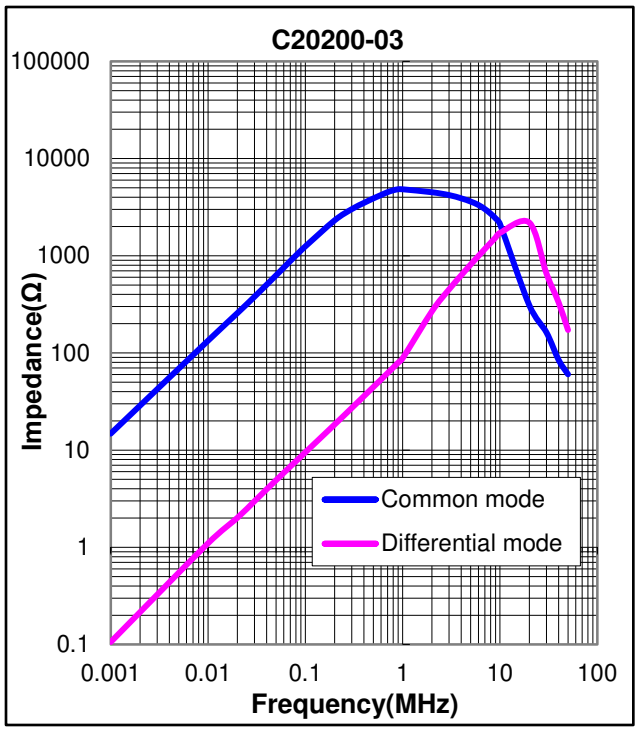


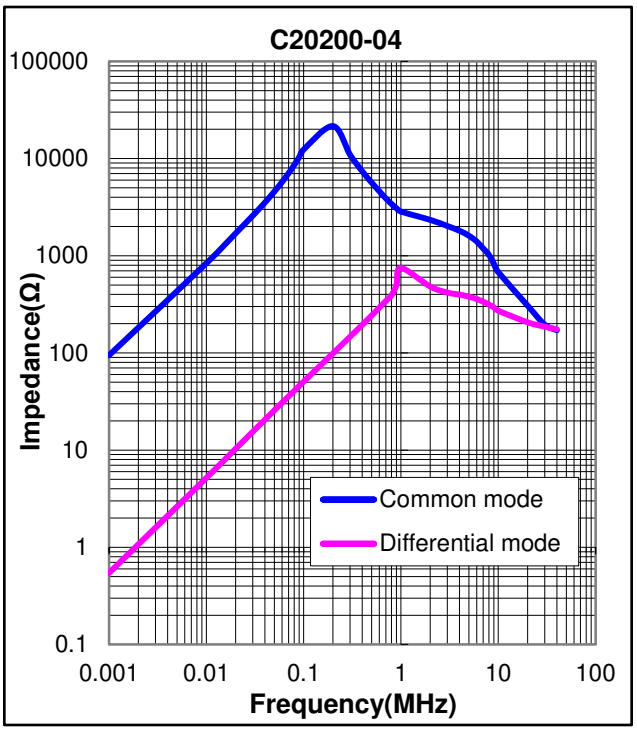
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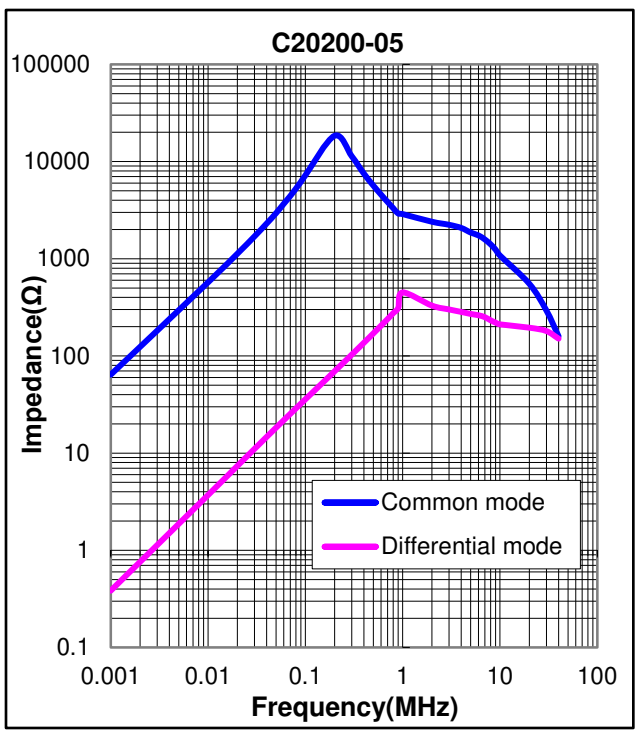
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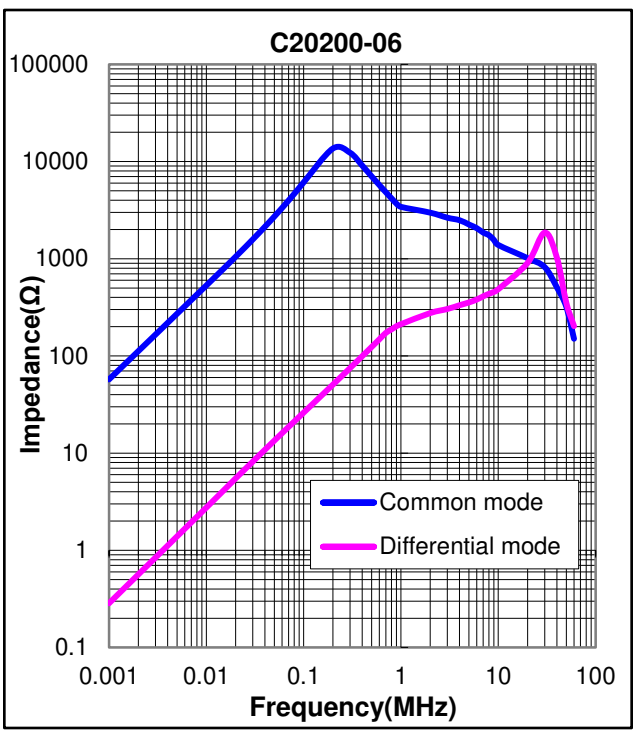
C20200 Series

4. Impedance vs Frequency Curve of C20200 Series :







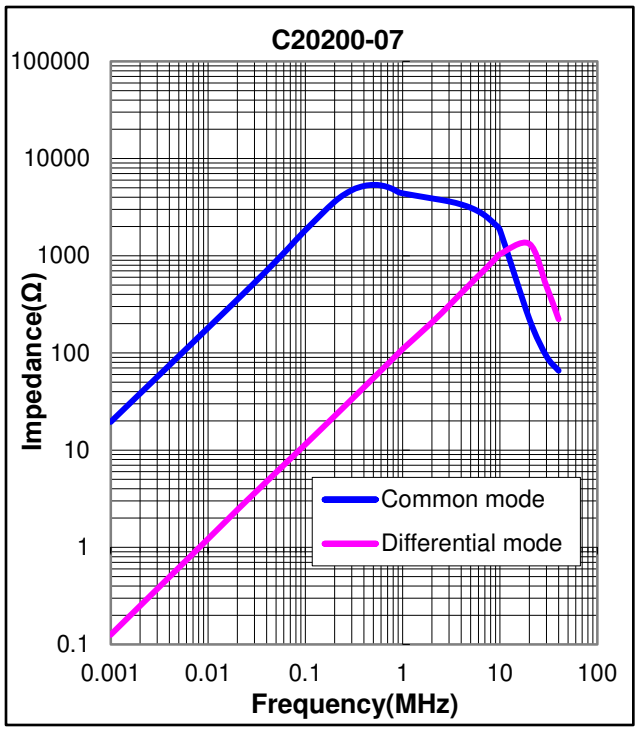


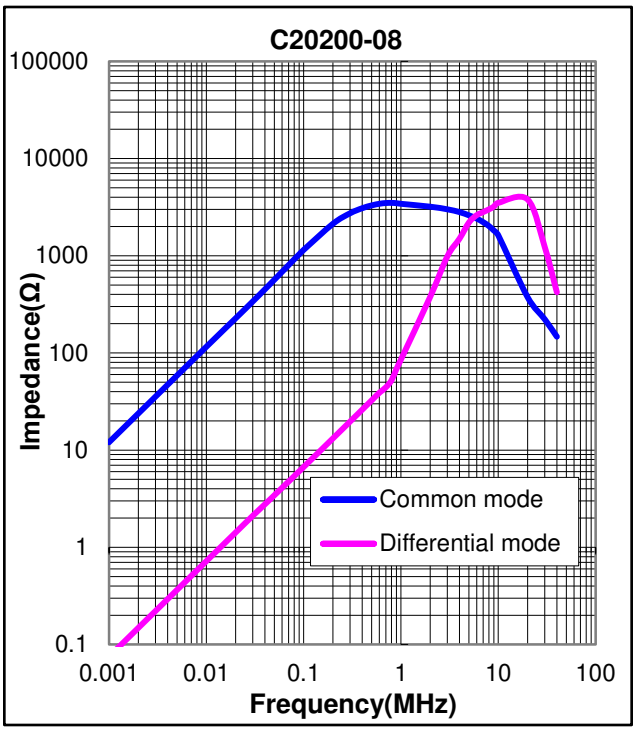
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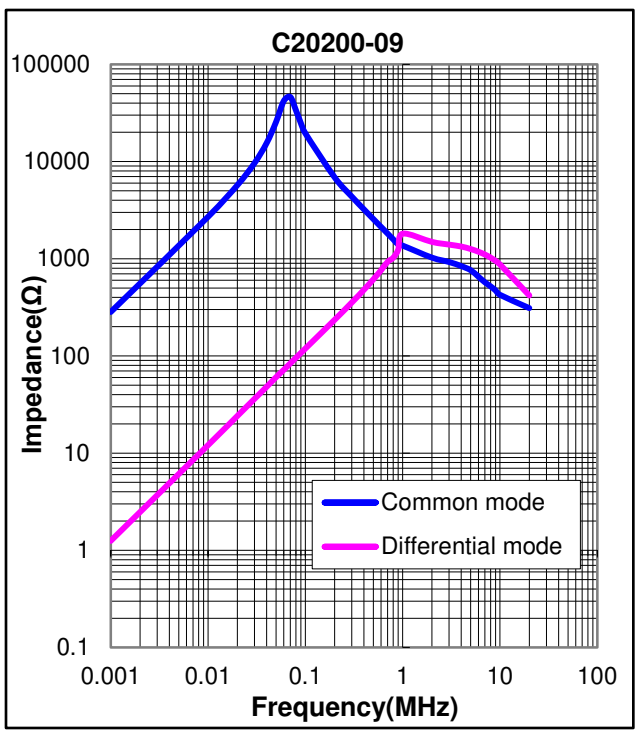
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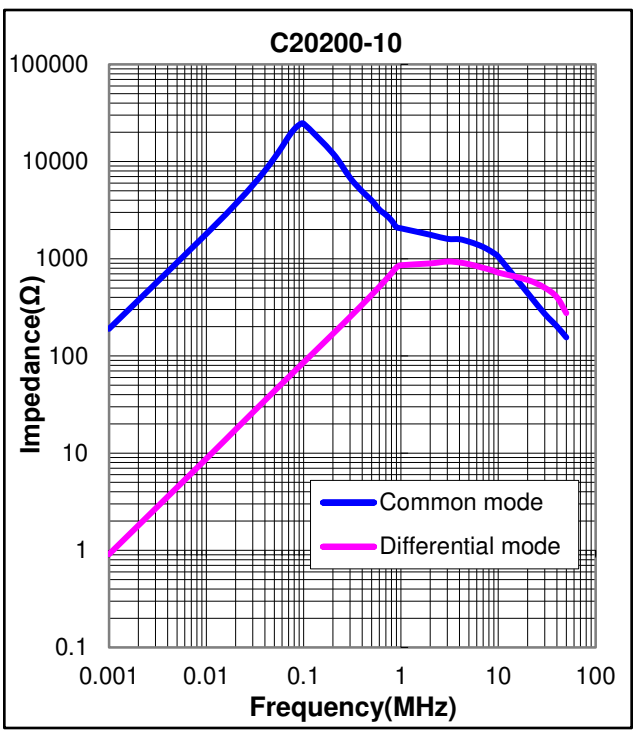
C20200 Series

4. Impedance vs Frequency Curve of C20200 Series :







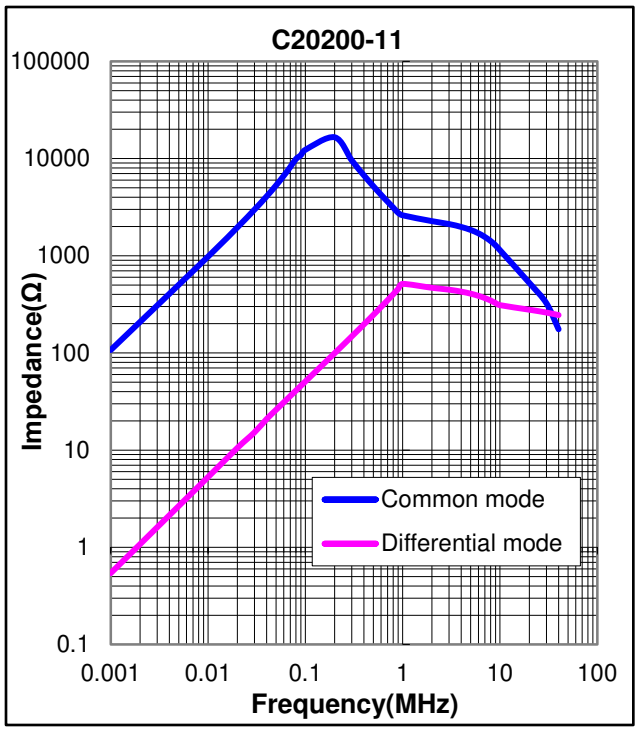


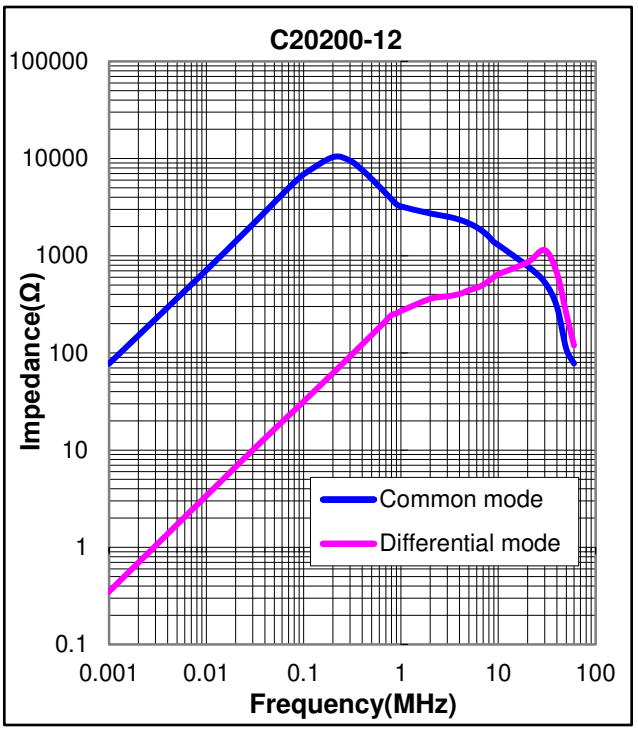
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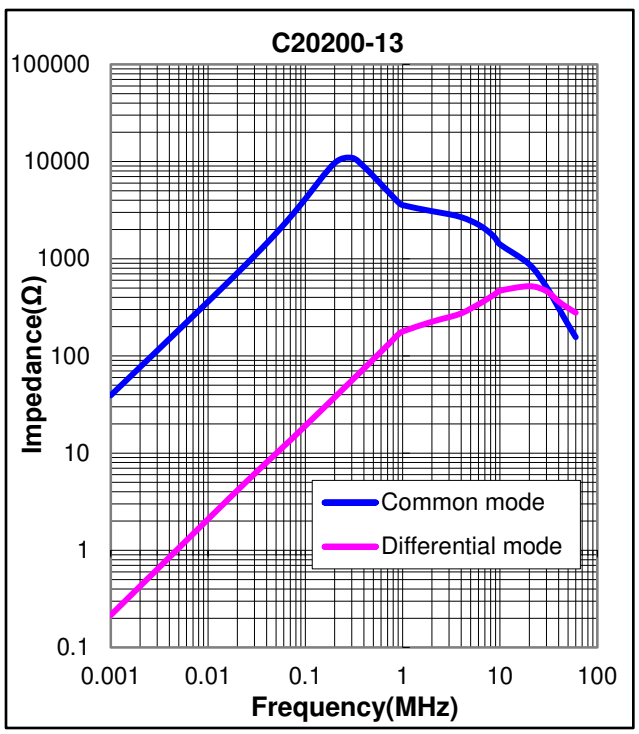
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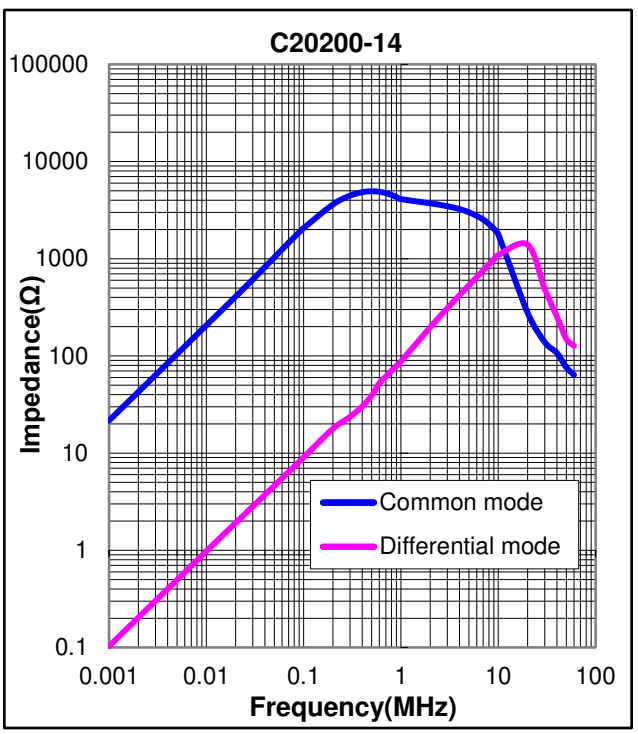
C20200 Series

4. Impedance vs Frequency Curve of C20200 Series :







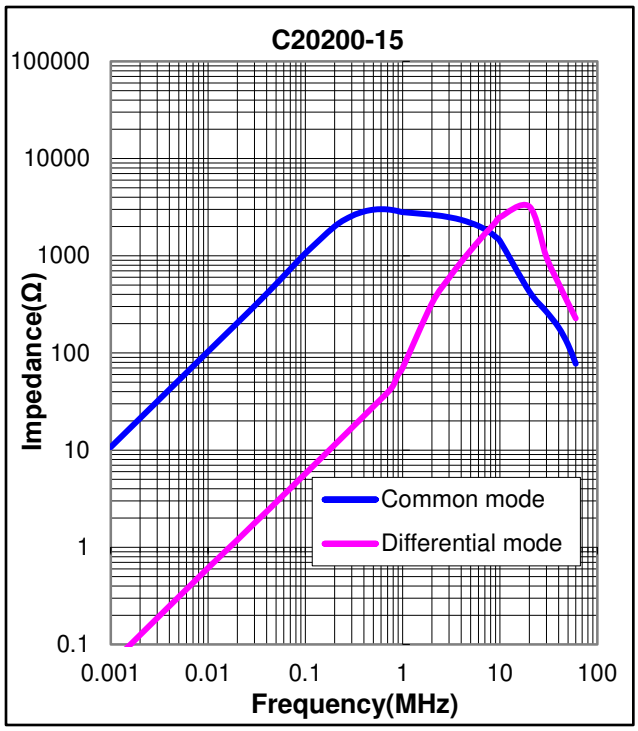


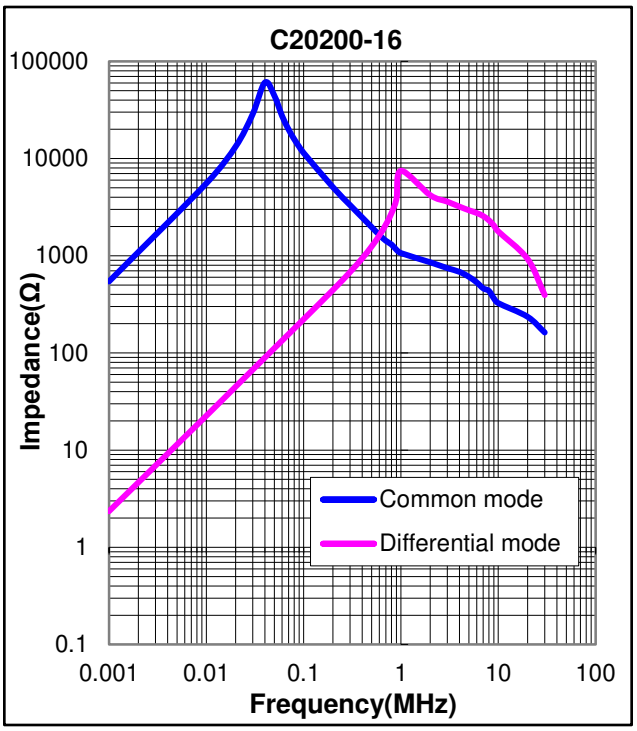
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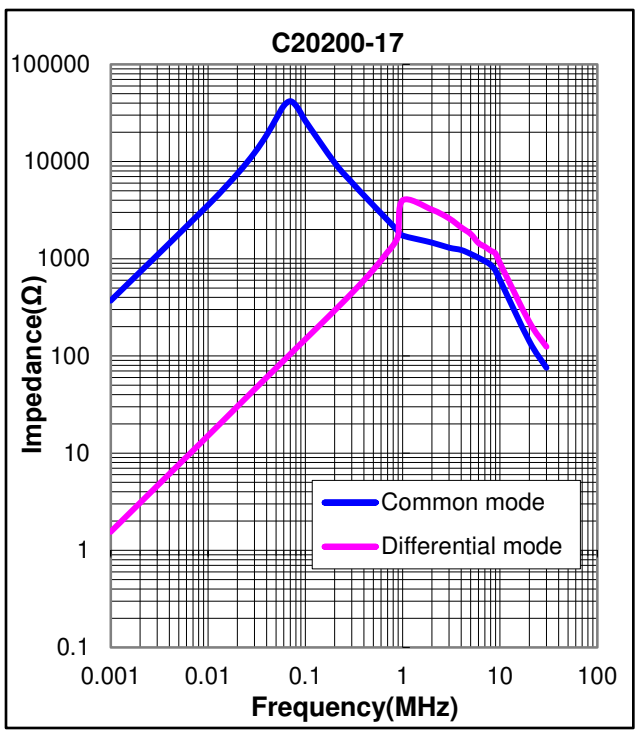
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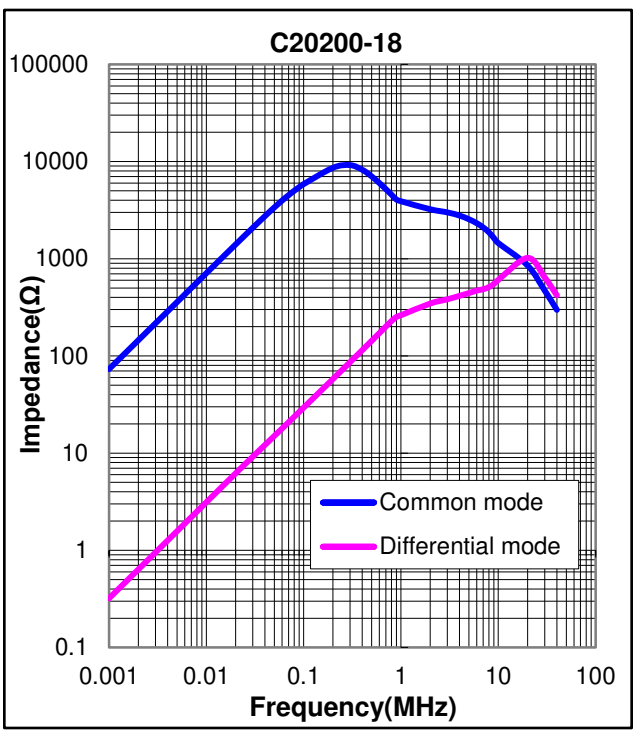
C20200 Series

4. Impedance vs Frequency Curve of C20200 Series :







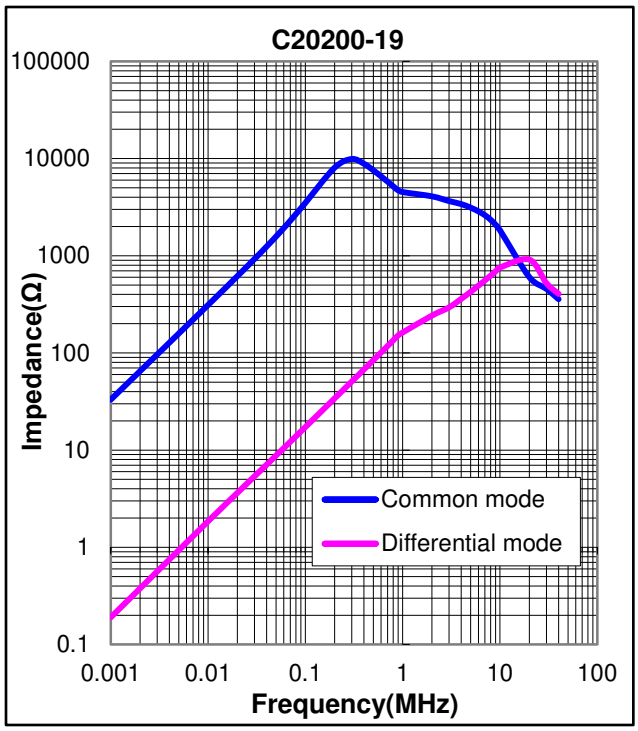


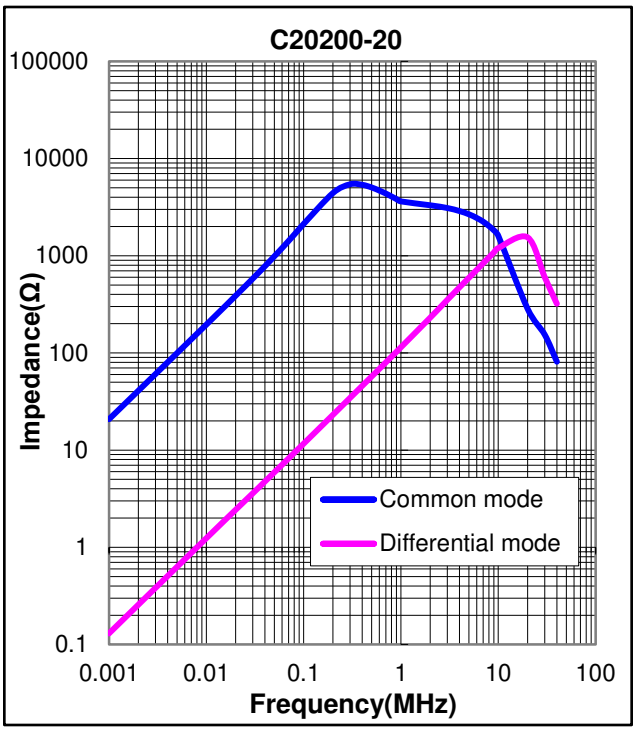
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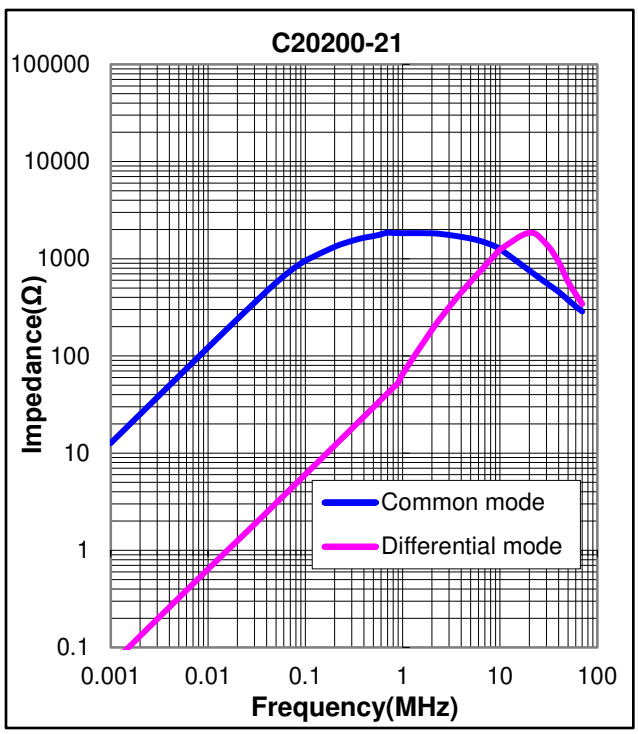
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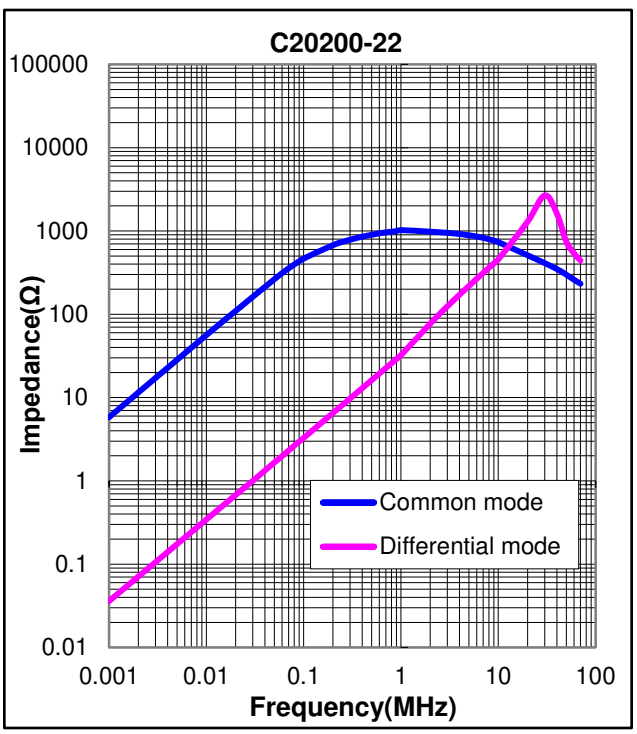
C20200 Series

4. Impedance vs Frequency Curve of C20200 Series :







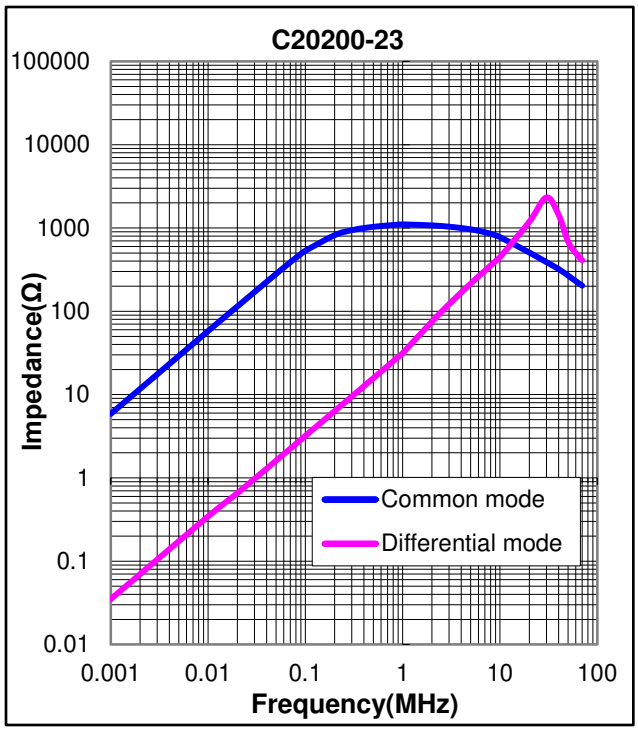


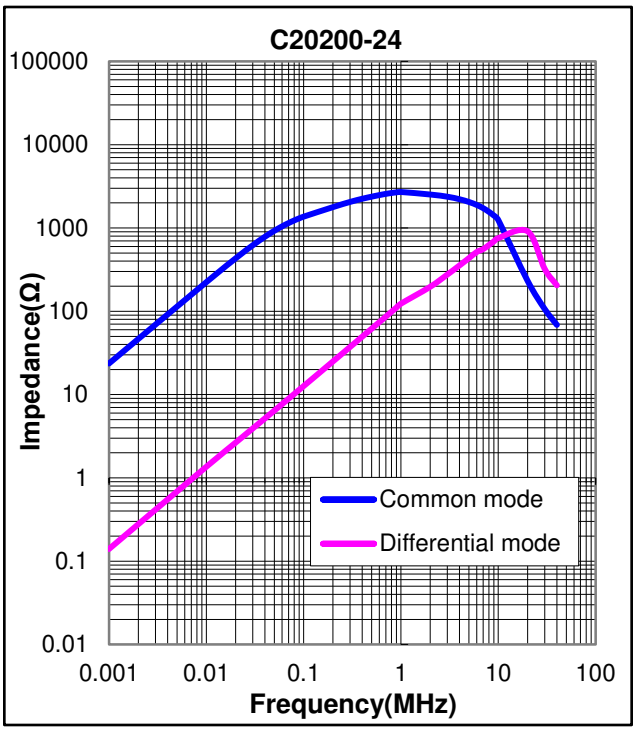
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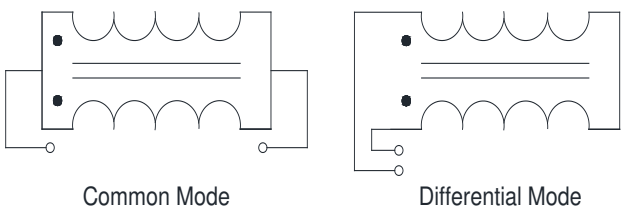
C20200 Series

4. Impedance vs Frequency Curve of C20200 Series :





Test setup :



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