

CMZ9070 Series Common Mode Choke Coil

Features

- High current SMD type CMCC.
- Good common mode noise suppression.
- Suitable for compact design.

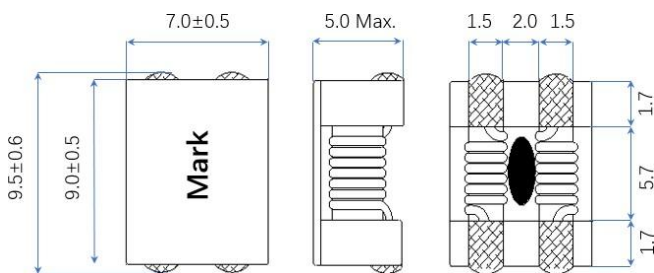
Applications

- Power line, Telecom equipment and etc.

Yint CMCC P/N Information

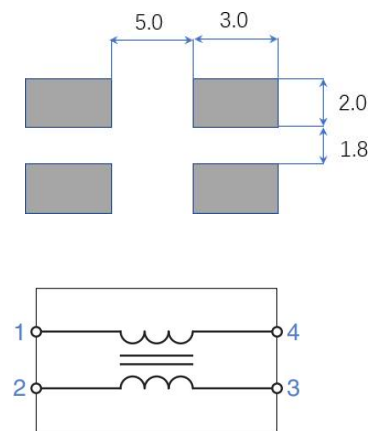
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|--------|----------|--------|----------------|-----------|----------------------|
| ① CM | ② Z | ③ 9070 | ④ A | ⑤ -301 | ⑥ T |
| ① CMCC | ② Series | ③ Size | ④ Special code | ⑤ Z Value | ⑥ Taping information |

Dimensions



Unit: mm

Recommend Land Pattern



Specification

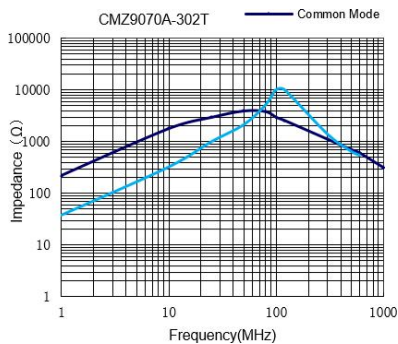
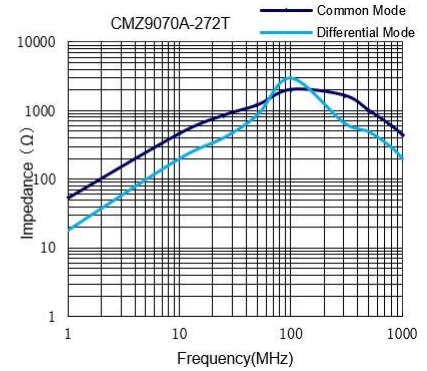
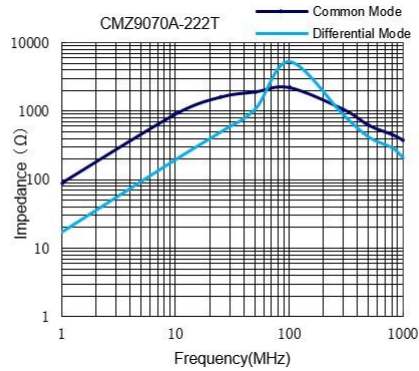
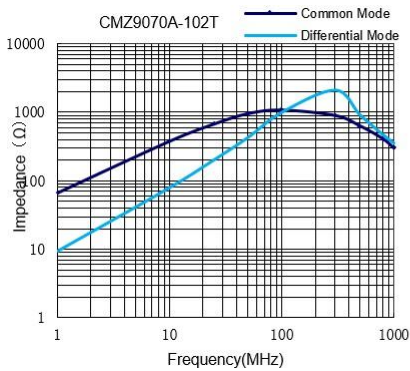
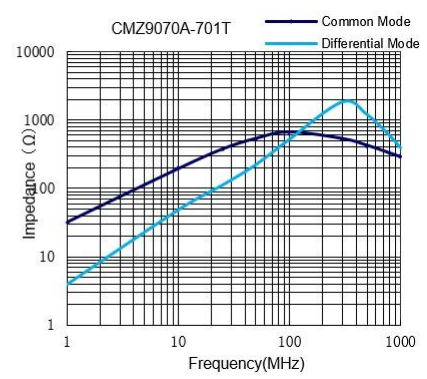
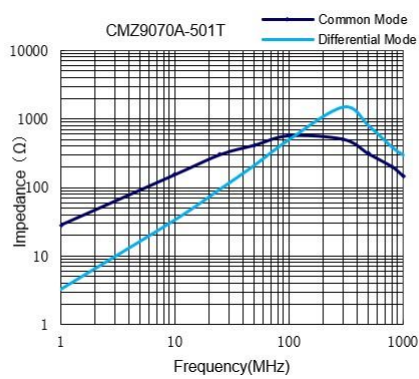
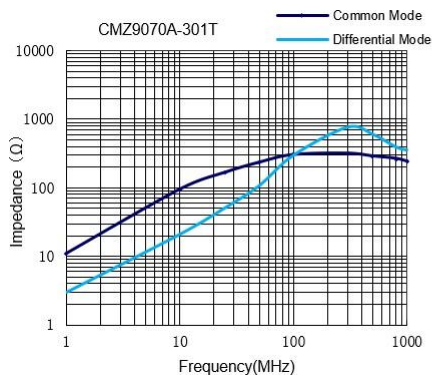
Yint P/N	Z (Ω)		DCR (mΩ)	IR (MΩ)	Rated Voltage (Vdc) V	Irms (A)
	@100MHZ					
	Min.	Typ.	Max.	Min.	-	Max.
CMZ9070A-301T	225	300	6	10	125	6.0
CMZ9070A-501T	450	600	8	10	125	5.5
CMZ9070A-701T	500	700	10	10	125	5.0
CMZ9070A-102T	750	1000	13	10	125	4.0
CMZ9070A-222T	1700	2200	60	10	125	2.5
CMZ9070A-272T	2000	2700	65	10	125	2.0
CMZ9070A-302T	2500	3000	70	10	125	1.9

Testing Conditions:

1. All test data is base on 25 °C ambient .
2. Operating temperature range - 40 °C to + 105 °C
3. Irms (A):DC current will cause an approximate ΔT of 40 °C base on 25 °C ambient temperature
4. The part temperature (ambient + temp rise) should not exceed 105 °C under worst cases.
5. Storage Temperature: Under 25°C, Humidity < 65% RH.If product is preserved for more than 6 months, the solderability of their ter-minals may be deteriorated.

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Common Mode & Differential Mode Curve



Reel & QTY information

Series	MPQ(Pcs)	Tape Reel (W / P) mm
CMZ9070A	700	13" (16 / 12)