

CMZ2012 Series Common Mode Choke Coil

Features

- Small Size with industry grade performance.
- Flexible impedance to be consider.
- Good common mode noise suppression.

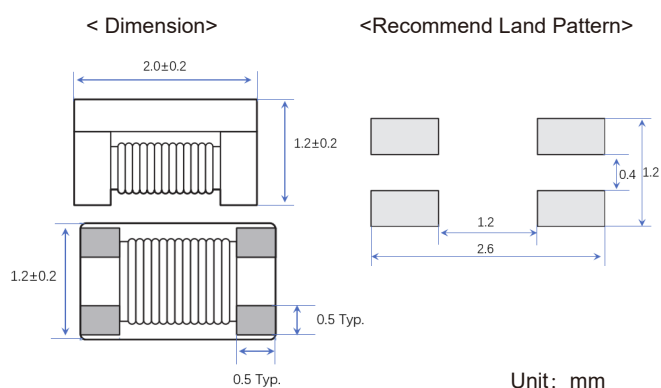
Applications

- Interface of USB, HDMI, LVDS and etc.

Yint CMCC P/N Information

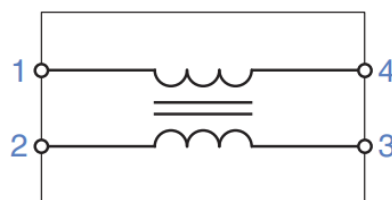
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|--------|----------|--------|----------------|-----------|----------------------|
| ① CM | ② Z | ③ 2012 | ④ A- | ⑤ 300 | ⑥ T |
| ① CMCC | ② Series | ③ Size | ④ Special code | ⑤ Z Value | ⑥ Taping information |

Shape & Dimension information



Schematic Circuit

- No Polarity for it.



Connection & Wire

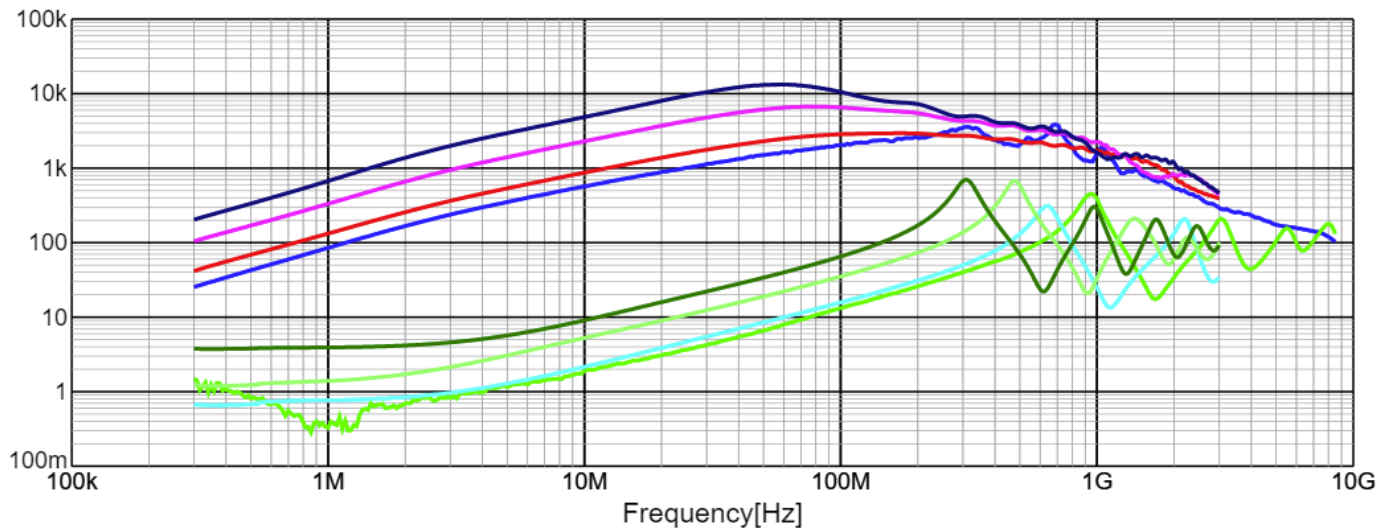
Yint P/N	Z(Ω)	DCR(mΩ)	IR(MΩ)	Rated Voltage (Vdc) V	Irms (A)
	@100MHZ				
	±25%	Max.	Min.	-	Max.
CMZ2012A-300T	30	200	10	50	0.45
CMZ2012A-500T	50	250	10	50	0.55
CMZ2012A-750T	75	250	10	50	0.40
CMZ2012A-900T	90	300	10	50	0.40
CMZ2012A-121T	120	300	10	50	0.40
CMZ2012A-161T	160	350	10	50	0.35
CMZ2012A-181T	180	350	10	50	0.35
CMZ2012A-201T	200	350	10	50	0.30
CMZ2012A-221T	220	350	10	50	0.30
CMZ2012A-251T	250	400	10	50	0.30
CMZ2012A-261T	260	400	10	50	0.30
CMZ2012A-301T	300	400	10	50	0.29
CMZ2012A-361T	360	400	10	50	0.30
CMZ2012A-371T	370	450	10	50	0.28
CMZ2012A-481T	480	550	10	50	0.20
CMZ2012A-501T	500	550	10	50	0.20
CMZ2012A-601T	600	550	10	50	0.30
CMZ2012A-671T	670	600	10	50	0.18
CMZ2012A-681T	680	700	10	50	0.18
CMZ2012A-751T	750	800	10	50	0.15
CMZ2012A-801T	800	880	10	50	0.15
CMZ2012A-901T	900	1000	10	50	0.10
CMZ2012A-102T	1000	1000	10	50	0.10

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Testing Conditions:

1. All test data is base on 25 °C ambient .
2. Operating temperature range - 40 °C to + 115 °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 115 °C under worst cases.

Common Mode & Differential Mode Curve



CMZ2012A-121T |Zc|
CMZ2012A-161T |Zc|
CMZ2012A-601T |Zc|
CMZ2012A-102T |Zc|

CMZ2012A-121T |Zd|
CMZ2012A-161T |Zd|
CMZ2012A-601T |Zd|
CMZ2012A-102T |Zd|

Reel & QTY information

Series	MPQ(Pcs)
CMZ2012	2,000