

CMZ3216 Series Common Mode Choke Coil

Features

- Small Size with industry grade performance.
- Low profile with only 1.8mm thickness.
- Good common mode noise suppression.

Applications

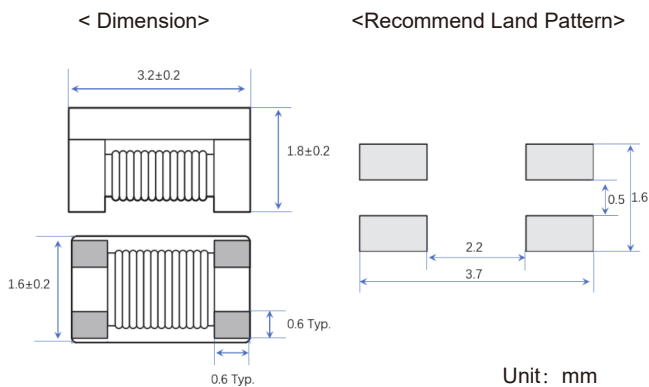
- Interface of USB, HDMI, LVDS and etc.
- Power line, Telecom equipment and etc.

Yint CMCC P/N Information

- ① CM ② Z ③ 3216 ④ A- ⑤ 500 ⑥ T

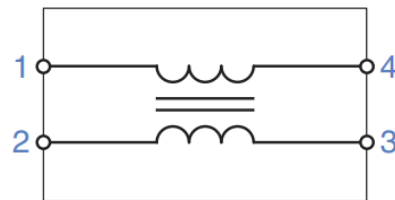
- ① CMCC ④ Special code
② Series ⑤ Z Value
③ Size ⑥ Taping information

Shape & Dimension information



Schematic Circuit

- No Polarity for it.



Specification

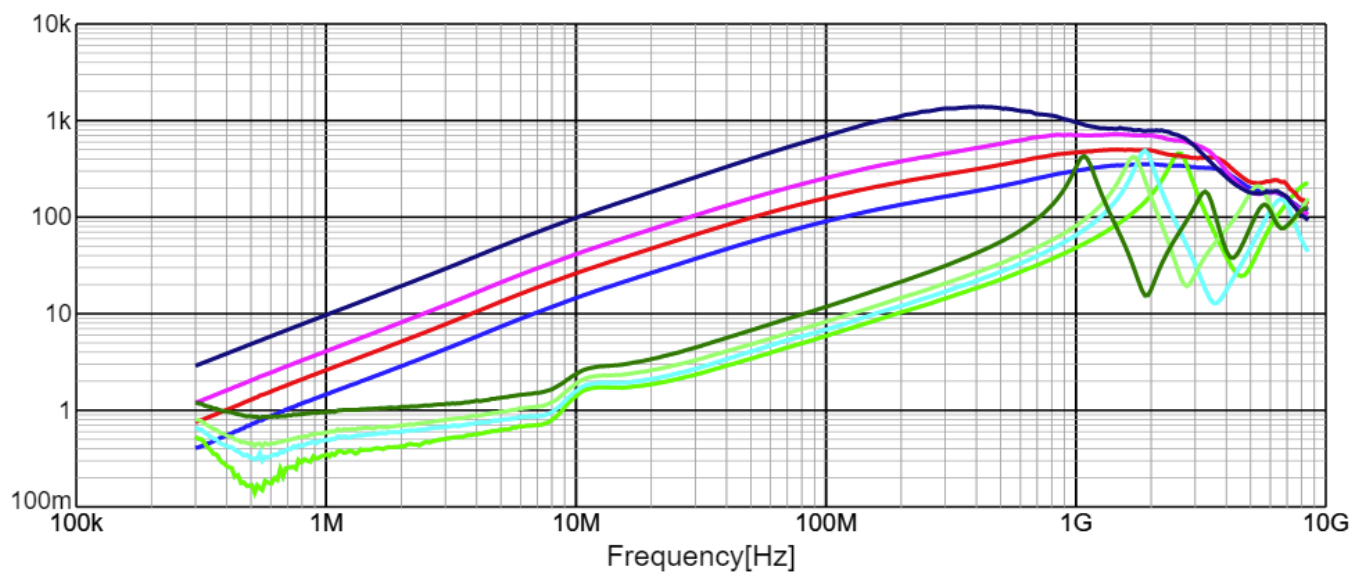
Yint P/N	Z(Ω)	DCR(mΩ)	IR(MΩ)	"Rated Voltage (Vdc) V"	I _{rms} (A)
	@100MHZ				
	±25%	Max.	Min.	-	Max.
CMZ3216A-500T	50	250	10	50	0.40
CMZ3216A-900T	90	300	10	50	0.37
CMZ3216A-161T	160	400	10	50	0.34
CMZ3216A-261T	260	500	10	50	0.31
CMZ3216A-601T	600	800	10	50	0.26
CMZ3216A-102T	1000	1000	10	50	0.23
CMZ3216A-222T	2200	1200	10	50	0.20

Testing Conditions:

1. All test data is base on 25 °C ambient .
2. Operating temperature range - 40 °C to + 115 °C
3. I_{rms} (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.

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Common Mode & Differential Mode Curve



CMZ3216A-900T |Zc|
CMZ3216A-161T |Zc|
CMZ3216A-261T |Zc|
CMZ3216A-601T |Zc|

CMZ3216A-900T |Zd|
CMZ3216A-161T |Zd|
CMZ3216A-261T |Zd|
CMZ3216A-601T |Zd|

Reel & QTY information

Series	MPQ(Pcs)
CMZ3216	2,000