

CMZ3216 Series Common Mode Choke Coil

Features

- Small Size with industry grade performance.
- 100%Lead (Pb) &Halogen-Free and RoHS compliant.
- Good common mode noise suppression.

Applications

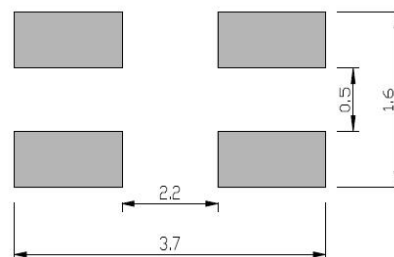
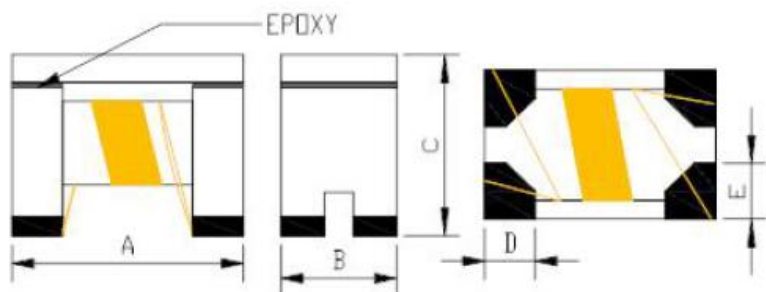
- Interface of USB, HDMI, LVDS and etc.
- Panel link for LCD panels

Yint CMCC P/N Information

① ② ③ ④ ⑤ ⑥
• CM Z 3216 A- 500 T

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

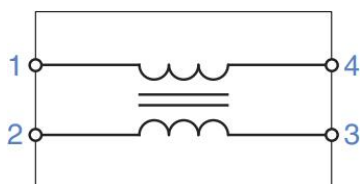
Shape & Dimension information



Unit:mm

A	B	C	D	E
3.20±0.20	1.60±0.20	1.80±0.20	0.6 TYP	0.6 TYP

Schematic Circuit



CMZ3216 Series Common Mode Choke Coil

Specification

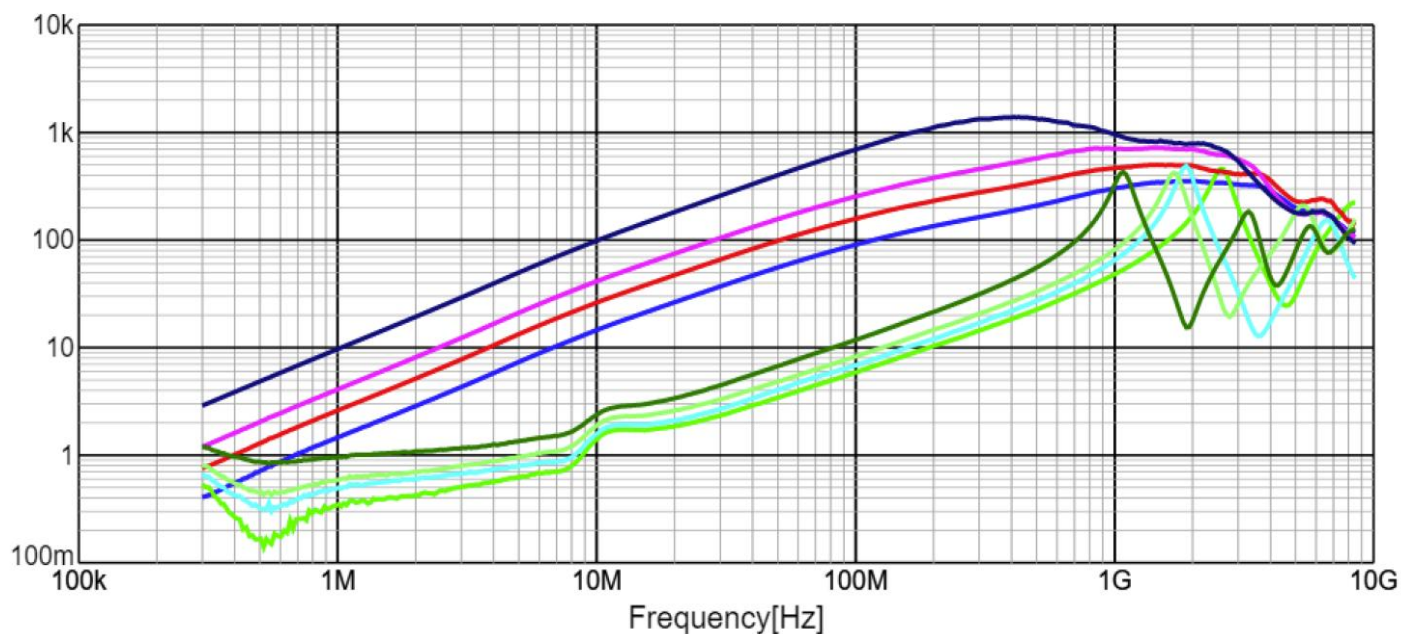
Yint P/N	Z(Ω)	DCR(m Ω)	IR(M Ω)	Rated Voltage (Vdc)	Irms (A)
	@100MHZ				
	$\pm 25\%$				
		Max.	Min.	V	Max.
CMZ3216A-500T	50	250	10	50	0.40
CMZ3216A-900T	90	300	10	50	0.37
CMZ3216A-161T	160	400	10	50	0.34
CMZ3216A-261T	260	500	10	50	0.31
CMZ3216A-601T	600	800	10	50	0.26
CMZ3216A-102T	1000	1000	10	50	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 + 125 °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 125 °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)	Tape Reel (W / P) mm
CMZ3216	2,000	7" (8 / 4)