

CML3225 Series Common Mode Choke Coil

Features

- High common mode impedance with wider frequency range.
- Suitable for noise suppression for wider frequency scenario such as IVI and etc.

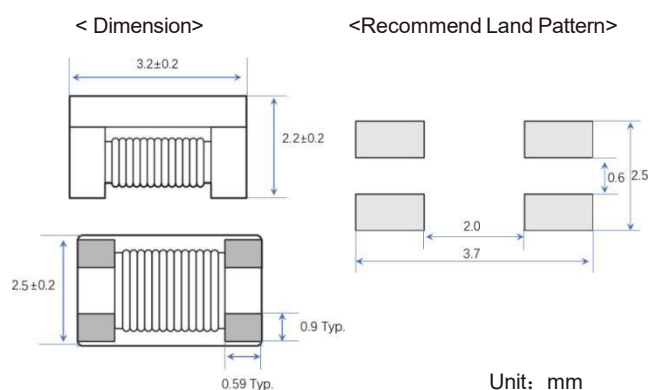
Applications

- Interface of USB,HDMI,LVDS and etc.PLC, PV inverter and etc.
- Network such as CAN and etc.

Yint CMCC P/N Information

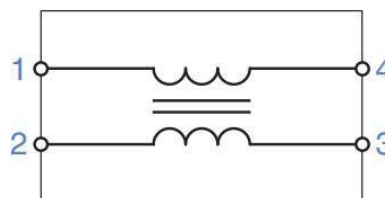
- | | | | | | |
|--------|----------|--------|----------------|--------------------|----------------------|
| ① | ② | ③ | ④ | ⑤ | ⑥ |
| • CM | L | 3225 | A- | 110 | T |
| ① CMCC | ② Series | ③ Size | ④ Special code | ⑤ Inductance Value | ⑥ Taping information |

Shape & Dimension information



Schematic Circuit

- No Polarity for it.



Specification

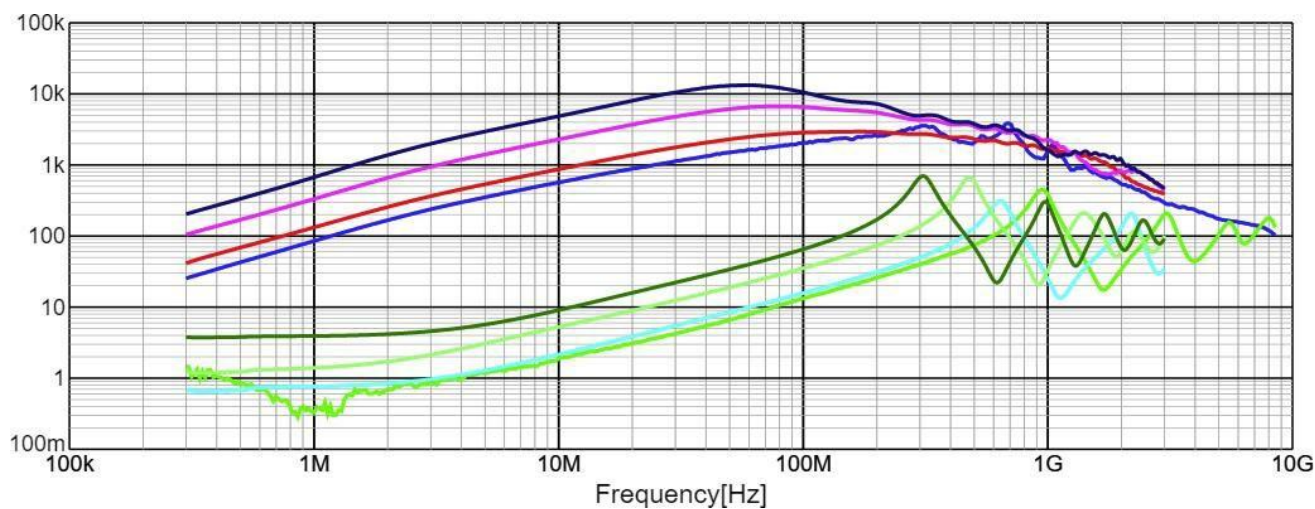
Yint P/N	Inductance	Common mode Impedance		DCR	IR	Rated Voltage (Vdc)	Irms
	@100KHZ/0.1V	@10MHz		(1 line)			
	uH	Ω		mΩ	MΩ	V	mA
	+50% / -30%	Min	Typ	Max	Min	Max	Max
CML3225A-110T	11	300	550	400	10	50	300
CML3225A-220T	22	500	1100	500	10	50	250
CML3225A-510T	51	1000	2600	700	10	50	200
CML3225A-101T	100	2200	5100	1500	10	50	150
CML3225A-201T	200	3500	8500	5500	10	50	70

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



CML3225A-110T |Zc|
CML3225A-220T |Zc|
CML3225A-510T |Zc|
CML3225A-101T |Zc|

CML3225A-110T |Zd|
CML3225A-220T |Zd|
CML3225A-510T |Zd|
CML3225A-101T |Zd|

Reel & QTY information

Series	MPQ(Pcs)	Tape Reel (W / P) mm
CML3225	1500	7" (8 / 4)