

CML9040 Series Common Mode Choke Coil

Features

- High common mode impedance with wider frequency range.
- High Rated Current.

Applications

- Telecom equipment such as BTS, Small Cell
- Industrial Application such as BMS, PV and etc.

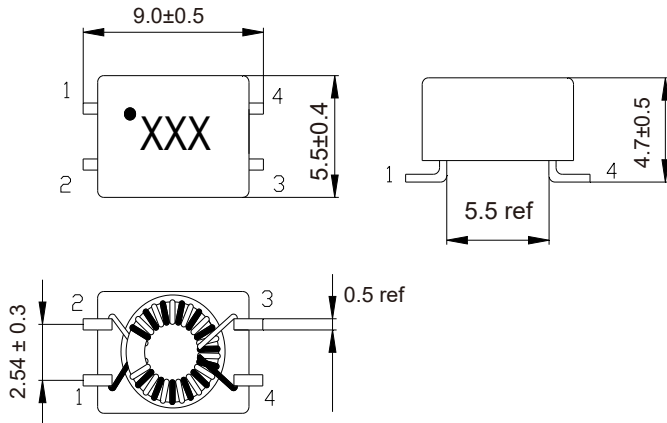
Yint CMCC P/N Information

- ① CM ② L ③ 9040 ④ A- ⑤ 110 ⑥ T

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



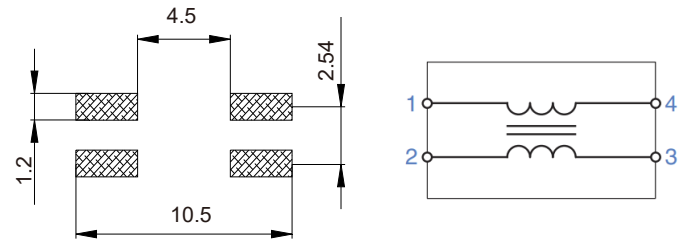
Shape & Dimension information



Unit: mm

Schematic Circuit & PAD

- No Polarity for it.



Specification

Yint P/N	Inductance	Leakage Inductance	Common mode Impedance	DCR	Rated Current	Freq Range
	@100KHZ/0.1V	@100KHZ/0.1V	@10MHZ	(1 line)		
	uH	uH	Ω	mΩ		
	+50%/-30%	Typ.	Min.	Max.	Max.	Typ.
CML9040A-110T	11	0.08	160	120	1.00	20-300
CML9040A-250T	25	0.15	450	120	0.90	20-150
CML9040A-510T	51	0.20	800	150	0.80	20-100
CML9040A-101T	100	0.25	600	100	0.70	3-20
CML9040A-471T	470	0.28	1200	280	0.70	2-15
CML9040A-102T	1000	0.28	1800	300	0.70	1-10
CML9040A-222T	2200	0.29	3000	400	0.50	0.8-5
CML9040A-472T	4700	0.30	5000	700	0.40	0.5-3

Testing Conditions:

1. All test data is base on 25 °C ambient .
2. Operating temperature range - 40 °C to + 115 °C
3. Rate current will cause an approximate ΔL/L drop 15%.
4. The part temperature (ambient + temp rise) should not exceed 115 °C under worst cases.

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Common Mode & Differential Mode Curve

