

Common Mode Choke

TGQR5027C

New Products

RoHS

AEC-Q200



■ Features

- High common mode impedance is realized in a small package.
- Suitable for common noise between 30MHz to 1GHz.
- Magnetically shielded structure, high current.
- Four terminals structure for resisting to mechanical shock and vibration.

■ Magnetic structure



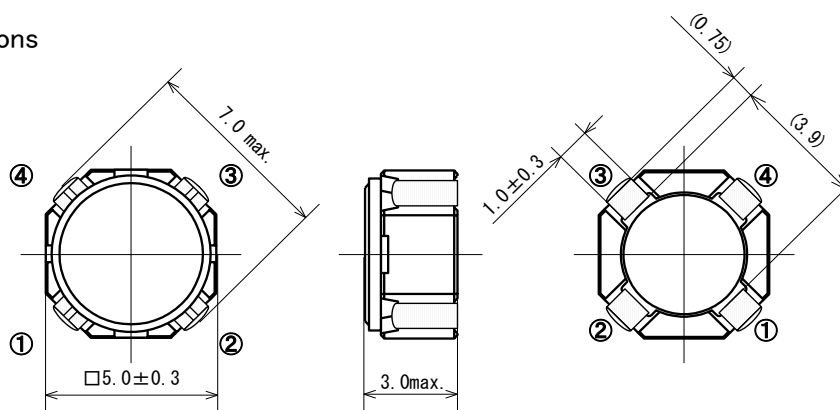
Operating Temperature Range : -40 °C~ +150 °C(include self-heating)

Weight : 0.2 g

■ Application

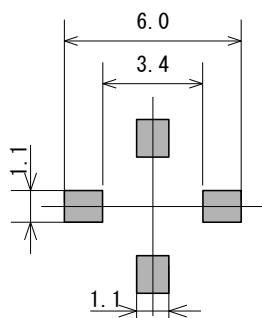
- In-vehicle
 - Car Audio
 - LED Head Lights
 - Others, Power Supply, Medical, Energy

■ Dimensions

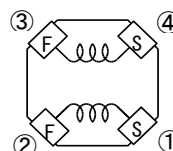


(Unit : mm)

■ Recommended Land Pattern



■ CONNECTION(BOTTOM VIEW)



S: START
F: FINISH



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<https://www.sagami-elec.co.jp>

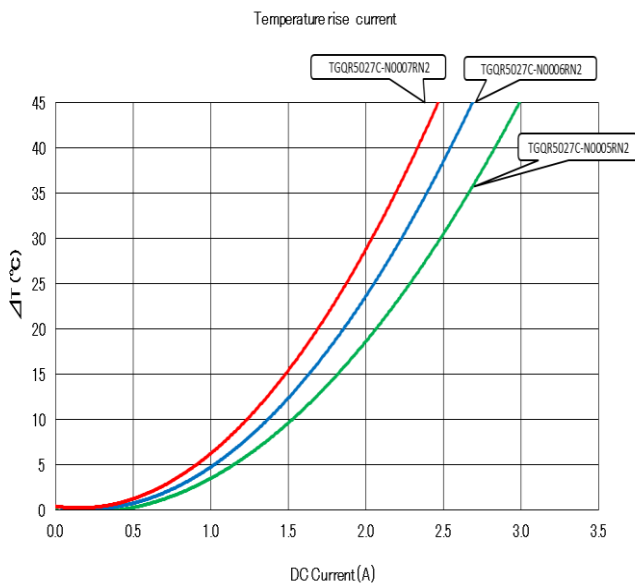
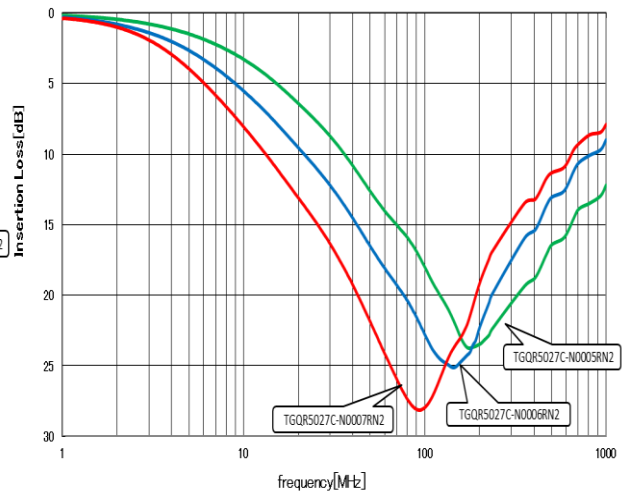
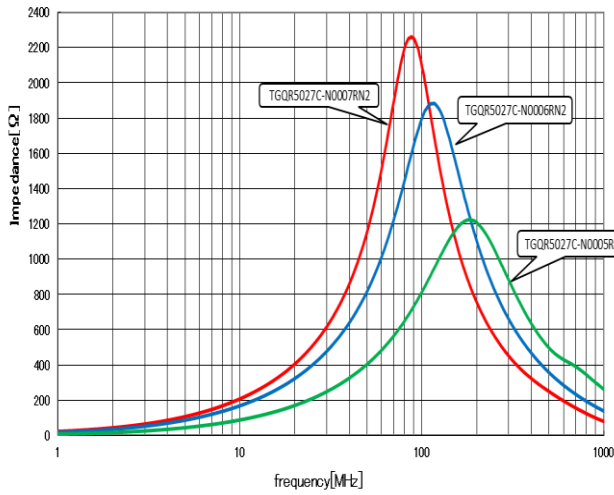
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⚠ The contents of this catalogue are subject to change without notice.

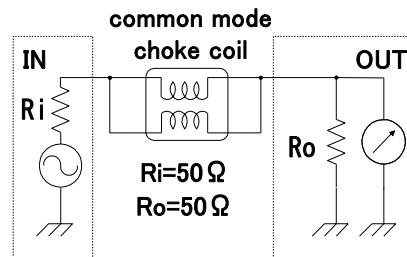
Specifications

SAGAMI Part No.	Insertion loss @1MHz [dB]max.	Insertion loss @100MHz [dB]min.	DCR Resistance 1-2/4-3 [Ω]max.	Temperature rise allowable current (2 - 3) [A]
TGQR5027C-N0005RN2	3	12	0.037	2.0
TGQR5027C-N0006RN2	3	16	0.043	1.8
TGQR5027C-N0007RN2	3	22	0.050	1.6

Temperature rise allowable current : A rise in temperature of core surface is within 40°C (4 - 1 short)



INSERTION LOSS TEST CIRCUIT



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