

TQR5027C

AEC-Q200



■ Features

- For common mode noise countermeasures
- Small size, high current, high impedance
- Effective over a wide frequency range from 30M to 1GHz
- Effective against conductive and radiated noise
- Effective for emissions and immunity
- AEC-Q200 compliant
- Operating temperature : -40°C~+125°C(The selfheating is included)

Magnetic structure :

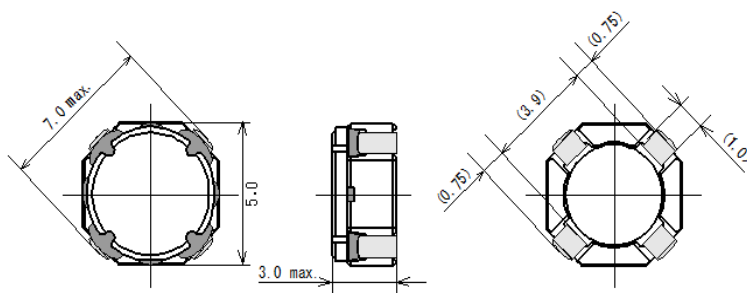


Weight : 0.23 g

■ Applications

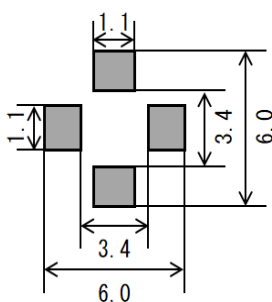
- Automotive/LED Headlights, Car Audio
- Others/Power Supply, Medical, Energy

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



SAGAMI ELEC CO., LTD.
<https://www.sagami-elec.co.jp>

10-30, Ichibashimo-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0024, Japan
 Over Seas Sales Dept. TEL : +81 45 511 3141, E-mail : ossg@sagami-elec.co.jp
 Engineering Dept. TEL : +81 45 521 4543

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

■ Specifications

SAGAMI Part No.	DCR		Insertion Loss		Temperature Rise Allowable Current (A)
	①-② (mΩ)	④-③	@1MHz	@100MHz	
TQR5027C-N0003RN2-F	7.80	8.90	3.00	6.00	2.80
TQR5027C-N0004RN2-F	11.0	12.1	3.00	12.0	2.40
TQR5027C-N0005RN2-F	15.7	16.3	3.00	16.0	2.20
TQR5027C-N0006RN2-F	19.2	20.4	3.00	22.0	1.90

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

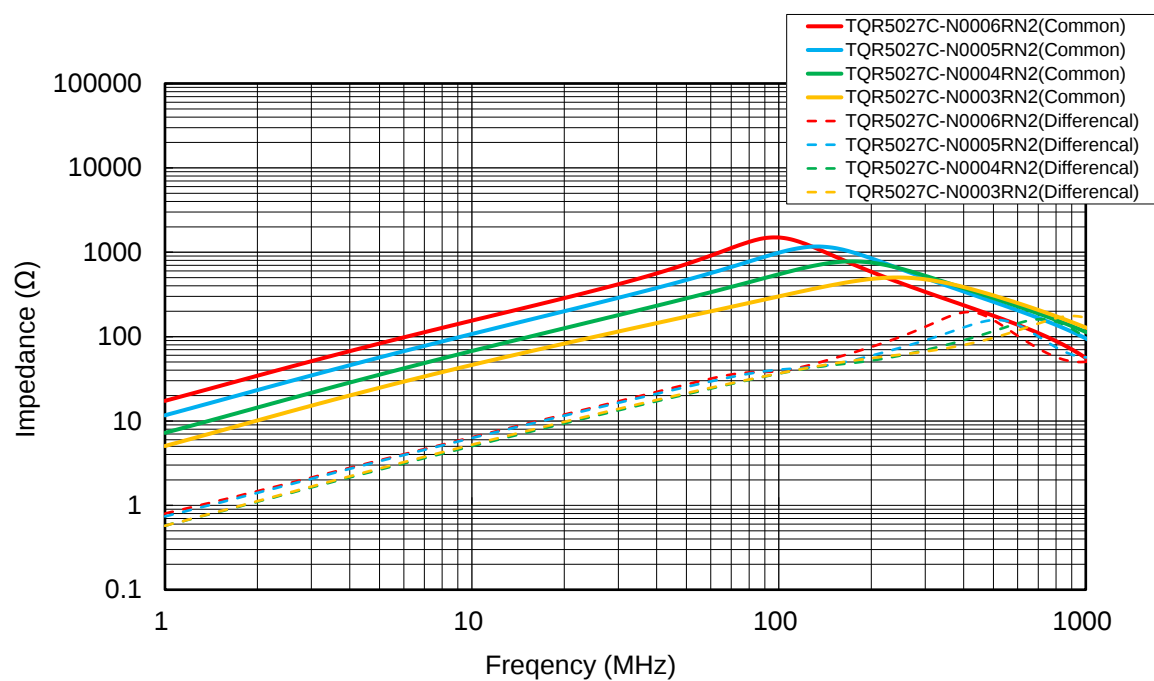


SAGAMI ELEC CO., LTD.
<https://www.sagami-elec.co.jp>

10-30, Ichibashimo-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0024, Japan
 Over Seas Sales Dept. TEL : +81 45 511 3141, E-mail : ossg@sagami-elec.co.jp
 Engineering Dept. TEL : +81 45 521 4543

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

Frequency vs Impedance



サガミ エレク株式会社
SAGAMI ELEC CO., LTD.