

TQR5017C

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 :

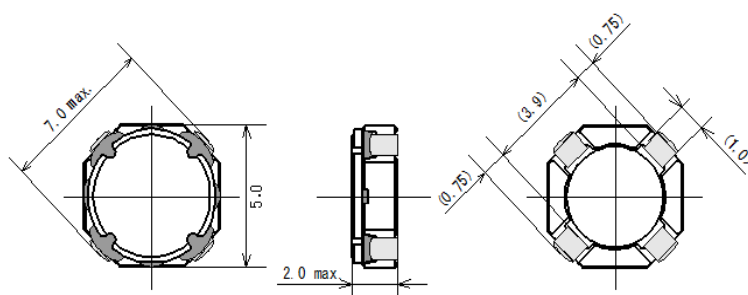


Weight : 0.15 g

■ Applications

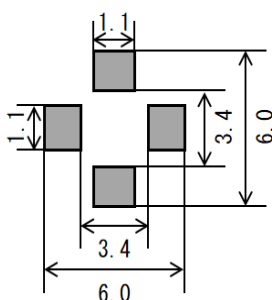
- Automotive/LED Headlights, Car Audio
- Others/Power Supply, Medical, Energy

■ 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	
TQR5017C-N0003RN2-F	12.2	14.4	3.00	6.00	2.20
TQR5017C-N0004RN2-F	19.0	21.2	3.00	12.0	2.10
TQR5017C-N0005RN2-F	28.4	30.7	3.00	16.0	1.50
TQR5017C-N0006RN2-F	35.3	40.2	3.00	22.0	1.40

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



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Frequency vs Impedance

