

TQR8048C

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 :

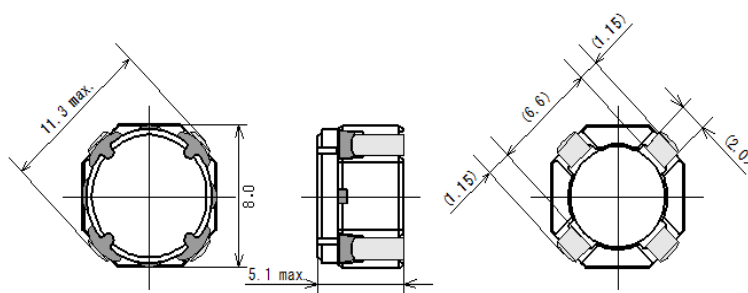


Weight : 0.9 g

■ Applications

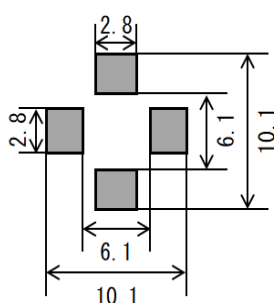
- Automotive/LED Headlights, Car Audio
- Others/Power Supply, Medical, Energy

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



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

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

■ Specifications

SAGAMI Part No.	DCR (mΩ)		Insertion Loss (dB)		Temperature Rise Allowable Current (A)
	①-②	④-③	@1MHz	@100MHz	
TQR8048C-N0002RN2-	3.10	3.70	3.00	5.00	5.50
TQR8048C-N0003RN2-	4.30	5.00	3.00	12.0	4.80
TQR8048C-N0004RN2-	5.80	6.30	3.00	18.0	4.10

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

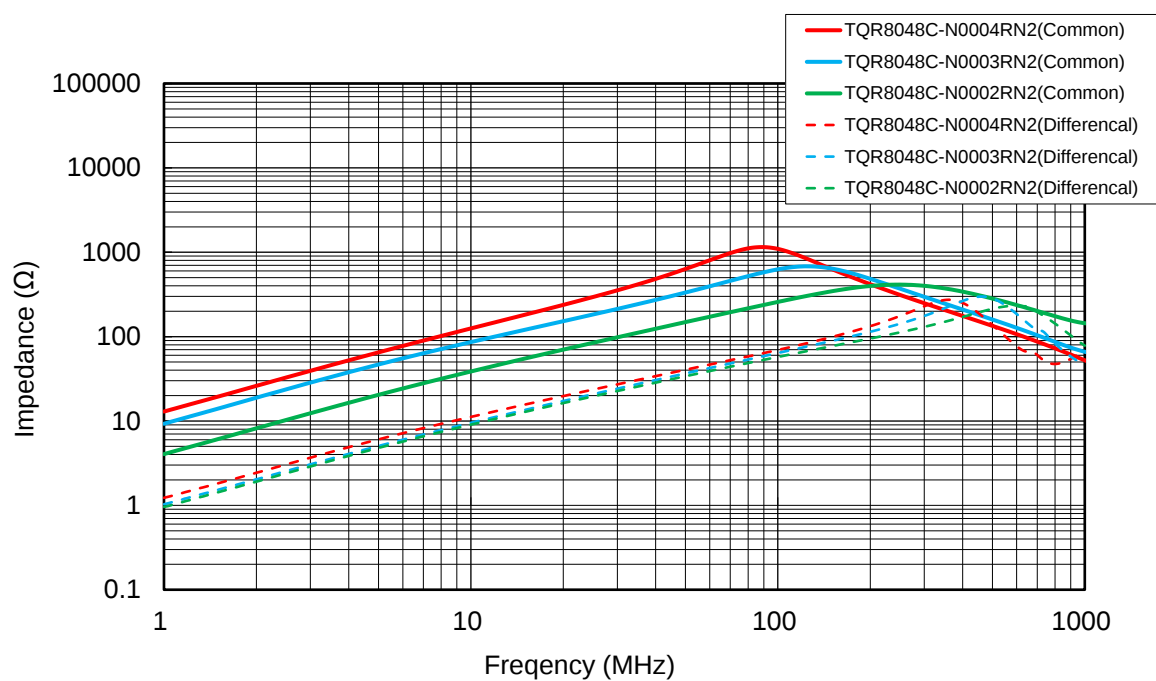


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Frequency vs Impedance



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