

2in1 Type Differential Mode Noise Filter

PRBG4029C

New Products

RoHS

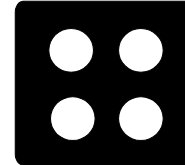
AEC-Q200



■ Features

- Two independent ferrite beads in one package structure
- High impedance at 100M to 3GHZ / High Current
Impedance: 22Ω typ. @100MHz / I_{rms}: 12.3A(40°C rise)
- Small mounting area
W3.8mm X D4.3mm X H3.2mm max.

■ Magnetic structure



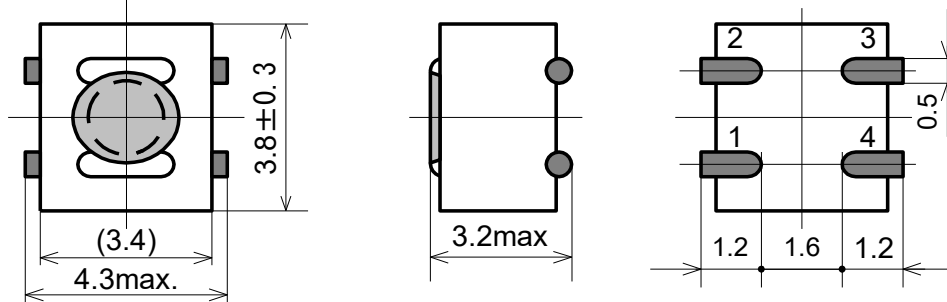
Operating Temperature Range : -40 °C ~ +150 °C (include self-heating)

Weight : 0.2 g

■ Application

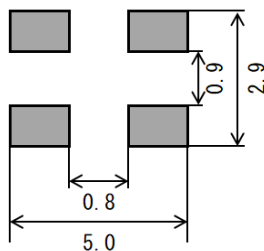
- Motor for Automotive
- ECU
- Power Supply

■ Dimensions

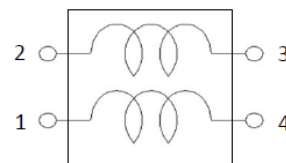


(Unit : mm)

■ Recommended Land Pattern



■ CONNECTION (BOTTOM VIEW)



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

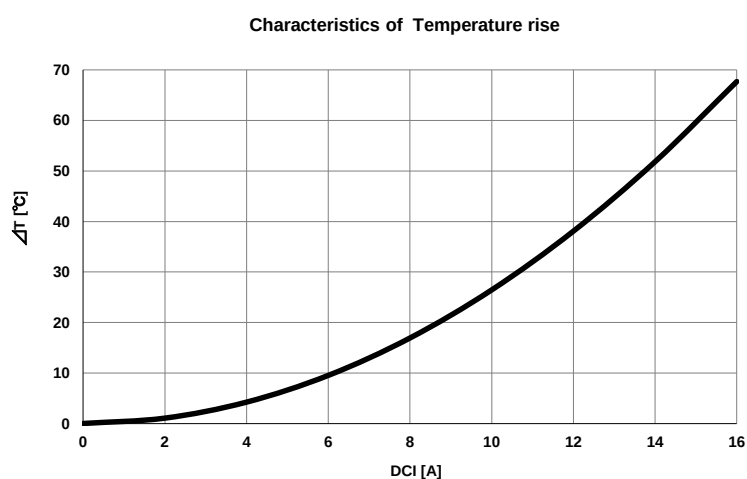
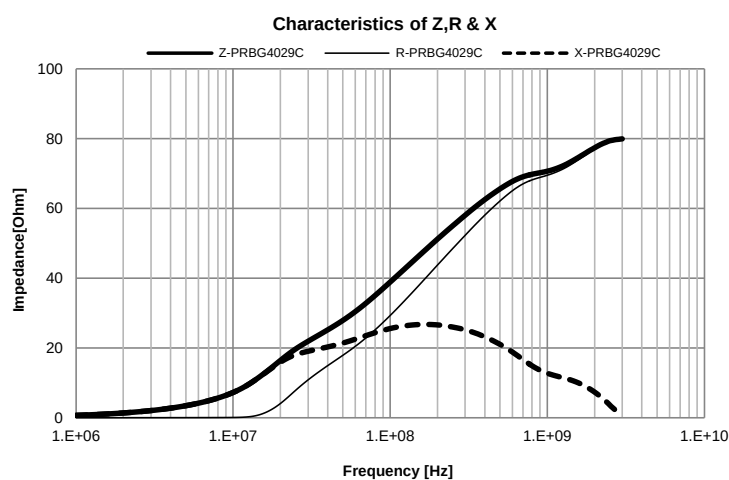
⚠ The contents of this catalogue are subject to change without notice.

■ Specifications

SAGAMI Part No.	Impedance	DCR Resistance		Teperature rise allowable current
	(Ω)	(m Ω)		(A)
	min.	Typical	max.	Typical
PRBG4029C	22	0. 670	0. 730	12. 3
-	-	-	-	-

- Impedance Measuring Condition : 100MHz
- Temperature rise allowable current : rise in temperature of core surface is 40°C.

■ Characteristics





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.

,

(2025. 07)