

RPH Series



◆ Features

- 125° Guaranteed
- Low ESR at high frequency range
- Mainly used in automotive, LED drive power, power supply, communication products, etc.

◆ Specifications

Items	Characteristics	
Operating temperature range	-55~+125°C	
Rated voltage range	2.5V~35V DC	
Capacitance tolerance	±20% (120Hz·20°C)	
Leakage current(+20°C,max)	I≤0.2CV (μA after 2 minutes)	
Dissipation factor (tanδ,at 20°C,120Hz·)	Not exceed the value specified	
ESR (100KHz)	Not exceed the value specified	
Endurance 125°C, 2000h, at rated voltage	Capacitance change	Within ±20% of the value before test
	Leakage current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation factor	Not exceed 150% of the value specified
Moisture Resistance Stored at 60°C, RH90~95%, 1000h	Capacitance change	Within ±20% of the value before test
	Leakage current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation factor	Not exceed 150% of the value specified

◆ Diagram of Dimensions(mm)

	φD	5	6.3	8	10
	F±0.5	2.0	2.5	3.5	5.0
	φd±0.05	0.45	0.5/0.6	0.6	0.6
	α	1.0	1.0	1.5	1.5