Panasonic

Stacked Coin Type

Series: RF

■ Features

Endurance: 85 °C 2000 hCan be discharged mA current







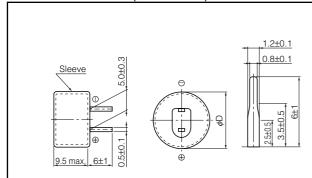
■ Recommended Applications

- Backup of data/RTC of base station, electronic meter, and industrial equipment
- For assist of rapid load change

■ Specifications

Series		RF					
Category temp. range		−25 °C to +85 °C					
Maximum operating voltage		5.5 V DC					
Nominal capacitance		0.1 F		0.68 F			
Capacitance tolerance		-20 % to +80%					
Stability at low and high temperature			Lower category temp. (-25 °C)		Upper category temp. (+85 °C)		
		Capacitance change	±30 % of initial measured value	±30 % of initial measured value at 20 °C			
		Internal resistance	≤5 times of initial measured value	≤ initial measured value at 20 °C			
		After 2000 hours application of maximum operating voltage at +85 °C					
Endurance	Capacitance change	±30 % of initial measured value at 20 °C		±30 % of initial measured value at 20 °C			
	Internal resistance	150 Ω or less		40 Ω or less			
		After 2000 hours storage at +85 °C without load (voltage)					
Shelf life	Capacitance change	Capacitance change shall meet the specified limits for Endurance					
	Internal resistance	Internal resistance shall meet the specified limits for Endurance					

■ Dimensions in mm(not to scale)



Cap (F)	<i>φ</i> D (mm)		
0.1	13.5 max		
0.68	21.5 max		



■ Standard Products

Series	Maximum operating voltage	Capacitance	Internal resistance (Initial specified value)	Recommended discharge current	Parts number	Mass	Min. packaging Q'ty
	(V DC)	(F)	(Ω) at 1 kHz	(mA)		(g)	(pcs)
RF	5.5	0.1	≦ 75	3 or less	EECRF0H104	3.3	200
		0.68	≦20	20 or less	EECRF0H684	4.1	100

Do not use reflow sp;dering.(IR, Atmospherheating methods, etc.) Please refer to P195 "Mounting Specifications". P/N: EECRF0V684 is 3.6(V), 0.68(F).

The recommended discharge current is a reference value.

Please design your equipment(circuit) in consideration of IR dorop.