Stacked Coin Type

Series: RG

■ Features

• Endurance: 85 °C 2000 h • Can be discharged mA current

RoHS directive compliant

■ Recommended Applications

 Backup of data/RTC of base station, electronic meter, and industrial equipment

• For assist of rapid load change

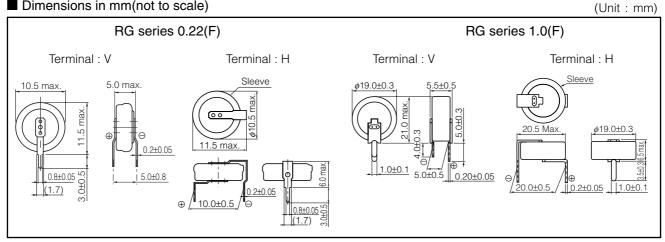




■ Specifications

Category temp. range Maximum operating voltage		-25 °C to +85 °C 3.6 V DC				
Nominal capacitance		0.22 F		1.0 F		
Capacitance tolerance		-20 % to +80%				
Characteristics at Low Temperature		Capacitance change	±30 % of initial measured value at +20 °C (at -25 °C)			
		Internal resistance	≤5 times of initial measured value at +20 °C (at -25 °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	100 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)



■ Standard Products

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)					
3.6	0.22	≤ 50	1 or less	EECRG0V224()	1.0	200					
	1.0	≦20	20 or less	EECRG0V105()	4.1	100					

Do not use reflow sp;dering.(IR, Atmospherheating methods, etc.) Please refer to the page of "Application Guidelines".

The recommended discharge current is a reference value. Please design your equipment(circuit) in consideration of IR dorop.

^{():} Please use V or H to indicate terminal type.