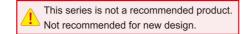
Panasonic Electric Double Layer Capacitors (Gold Capacitor)

Stacked Coin Type



Series: RF Low temperature assured product



Features

● Endurance: +85 °C 2000 h

Category temperature range : −40 °C to +85 °C

RoHS compliant

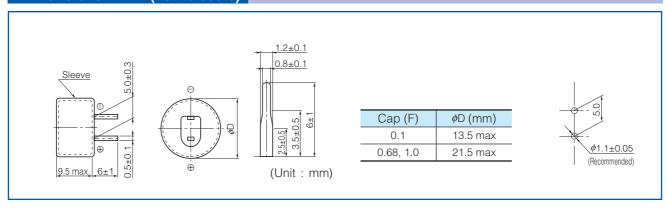
Recommended applications

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

Specifications

Category temp. range	-40 °C to +85 °C						
Maximum operating voltage							
Nominal capacitance	0.1 F		0.68 F, 1.0 F				
Characteristics at	Capacitance change	±30 % of initial measured value at +20 °C (at -40 °C)					
low temperature	Internal resistance	≤7 times of initial measu	red value at +20 °C (at -40 °C)				
	After 2000 hours application of maximum operating voltage at +85 °C						
Endurance	Capacitance change	±30 % of initial measured value at 20 °C					
Endurance	Internal resistance	150 Ω or less (0.1 F)					
	Internal resistance	40 Ω or less (0.68 F, 1.0 F)					
	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)



Characteristics list

Maximum operating voltage (V.DC)	Capacitance (F)	Capacitance tolerance (F)	Internal resistance (Initial specified value) (Ω) at 1 kHz	Recommended	Parts number	Mass (Reference value)	Min. packaging q'ty (pcs)
5.5	0.1	0.080 to 0.180	≤ 75	300 μA or less	EECRF0H104N	3.3	200
	0.68	0.544 to 1.224	≦ 20	1 mA or less	EECRF0H684N	10.0	100
	1.0	0.8 to 1.8	≦20	1 mA or less	EECRF0H105N	10.0	100

Do not use reflow soldering. (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.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use Should a safety concern arise regarding this product, please be sure to contact us immediately 01 Jan. 2016



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