Panasonic

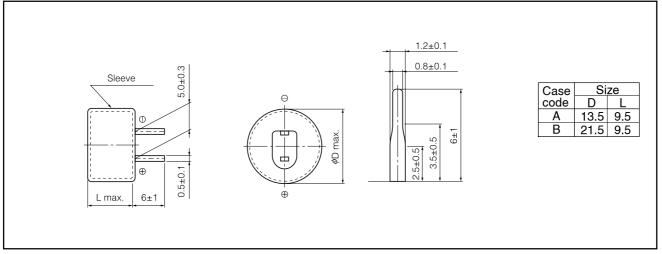
Stacked Coin Type

Series: F		Country of Origin	•		
■ Feature	Endurance : +85°C 1000 h	Japan	13	18	
	RoHS directive compliant				
■ Specificat	tions		0.0	11	

Category temp, range

Category temp. range	-25 to +85°C			
Maximum Operating Voltage	5.5 V .DC			
Nominal Cap. Range	0.033 to 1.0 F			
Characteristics at Low	Capacitance change	±30% of initial measured value at +20°C (-25 to +85°C)		
Temperature	Internal resistance	\leq 5 times of initial measured value at +20°C (at -25°C)		
	After 1000 hours application of 5.5V. DC at +85°C, the capacitor shall meet the following limits.			
Endurance	Capacitance change	±30% of initial measured value		
	Internal resistance	≤ 4 times of initial specified value		
Shelf Life	After 1000 hours storage at +85°C without load, the capacitor shall meet the specified limits for Endurance.			
Moisture Resistance After 500 hours storage at +55°C, 90 to 95% R.H., the capacitor shall meet the speci limits for Endurance.				

Dimensions in mm (not to scale)



Standard Products

Maximum Oper-	a	Capacitance	Internal			Min. Packaging Qíty.	
Maximum Oper- ating Voltage (V.DC)	Capacitance (F)	range (F)	resistance (Ω) at 1kHz	Case code	Part number	Quantity per box (pcs)	Quantity per outer packaging (pcs)
	0.033	0.0264 to 0.0594	≦ 150	A	EECF5R5H333	200	2000
5.5	0.047	0.0376 to 0.0846	≦ 120	Α	EECF5R5H473	200	2000
	0.10	0.080 to 0.180	≦ 100	A	EECF5R5H104	200	2000
	0.47	0.376 to 0.846	≦ 75	В	EECF5R5H474	100	500
	0.68	0.476 to 1.224	≦ 50	В	EECF5R5H684	100	500
	1.00	0.80 to 1.80	≦ 50	В	EECF5R5H105	100	500

Note:Do not use reflow soldering. (IR, Atmosphere heating methods, etc.)

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. Mar.2006