

Introduction

- ❖ Ø12.5 Ø20 Coin High temperature, Long life type
- ❖ Able to be used at wide temperature from -25℃ to 70℃
- ❖ Long life Endurance : 1,000 hours at +70℃
- ❖ RoHS directive compliant

Applications

- ❖ Memory back-up for video and audio equipment, cameras, flash, tuners, TV, rice cookers and remote controls



C-TYPE

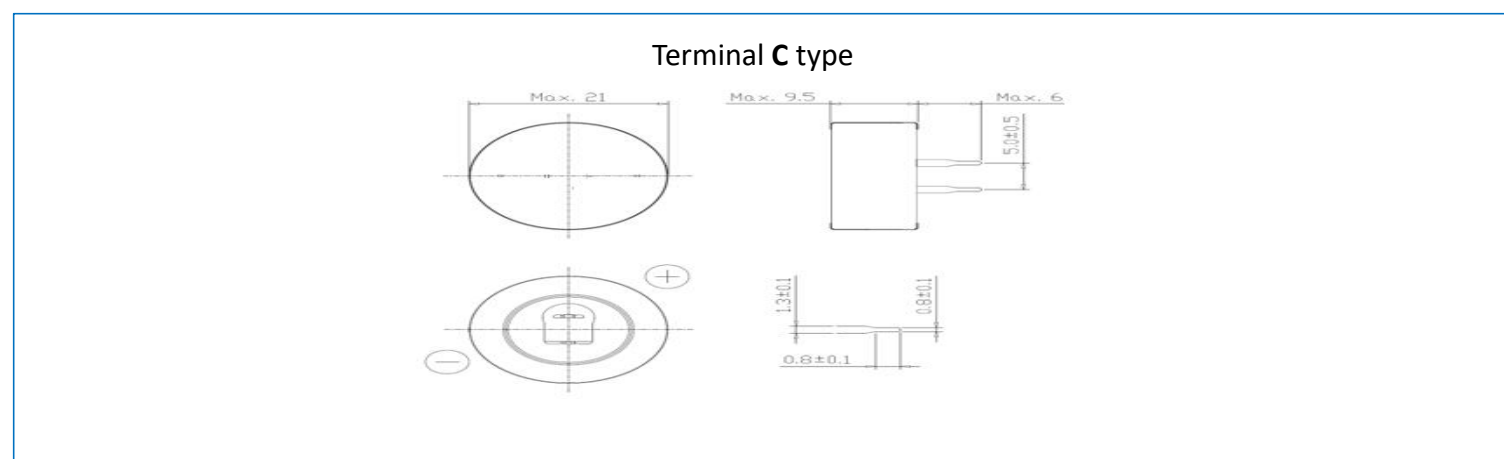
Specifications

Operating Temperature range	-25℃ to 70℃					
Working Voltage	6.3 V DC					
Nominal capacitance & Resistance	Nominal capacitance (F)	0.047	0.1	0.47	0.68	1.0
	Nominal resistance (Ω)	300	200	50	50	50
Capacitance tolerance	- 20% to + 80%					
Characteristic at high and low temperature	Capacitance change	Within ± 30% of the value at +20℃				
	Internal resistance change	Less than five times of the value at +20℃				
Endurance	Test time	1,000 (hours)				
	Capacitance change	Within ± 30% of the initial measured value				
	Internal resistance change	Less than four times of the initial specified value				
Shelf life	Same as endurance (Test time : 1,000 hours)					

Part number system

CK	6R3	105	C	F	*
Series code	Rated Voltage	Nominal Capacitance	Terminal Type	Additional Symbol ROHS	SPECIAL CODE

Dimensions in mm (not to scale)



Standard Products

Series	Working Voltage (V DC)	Capacitance (F)	Capacitance tolerance (F)	Temperature range (℃)	Internal resistance (Ω) at 1 kHz	Recommended discharge current (mA)	CDA Part number	Terminal Type	Min. Packaging q'ty (pcs)
CK	6.3	0.047	0.0376 to 0.0846	-25~+70	200 Ω or less	3 mA Or less	CK 6R3 473 ()	C	200
CK	6.3	0.1	0.080 to 0.180	-25~+70	200 Ω or less	3 mA Or less	CK 6R3 104 ()	C	200
CK	6.3	0.47	0.397 to 0.614	-25~+70	50 Ω or less	20 mA Or less	CK 6R3 474 ()	C	400
CK	6.3	0.68	0.54 to 1.22	-25~+70	50 Ω or less	20 mA Or less	CK 6R3 684 ()	C	400
CK	6.3	1.0	0.80 to 1.80	-25~+70	50 Ω or less	20 mA Or less	CK 6R3 105 ()	C	400

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.