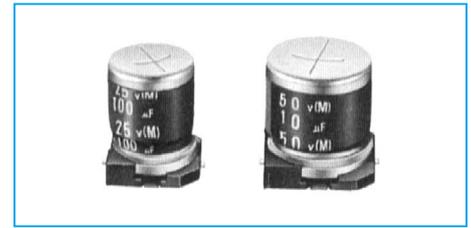
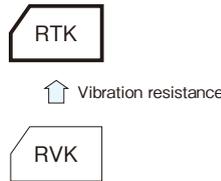


Chip Type 125°C Capacitors

- SMD
- Vibration Resistance
- 125°C 1250hours
- 105°C 5000hours
- Anti-cleaning solvent

- Compatible with surface mounting.
- For Vibration resistance.
- Supplied with carrier taping.
- Guarantees 1250 hours at 125°C. (φ8 : 1000 hours)
- Guarantees 5000 hours at 105°C. (φ8 : 4000 hours)



Marking color : Gold print on a brown sleeve

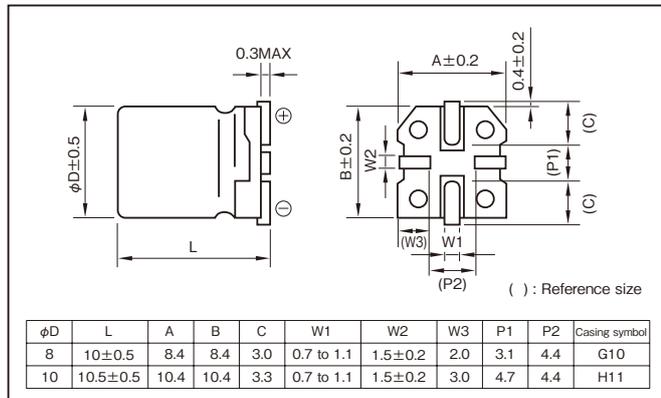
Specifications

Item	Performance
Category temperature range (°C)	-40 to +125
Tolerance at rated capacitance (%)	±20 (20°C,120Hz)
Leakage current (μA)	Less than 0.02CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (μF) ; V : Rated voltage (V) (20°C)
Tangent of loss angle (tanδ)	Rated voltage (V)
	tanδ (max.)
Characteristics at high and low temperature	Rated voltage (V)
	Impedance ratio (max.)
	Z-25°C/Z+20°C
	Z-40°C/Z+20°C
Endurance (Applied ripple current)	Test temp.
	Test time
	Percentage of capacitance change
	Tangent of the loss angle
	Leakage current
Shelf life	Test temp.
	Test time
	Percentage of capacitance change
	Tangent of the loss angle
	Leakage current
Applicable standards	JIS C5101-1 1998, -18 1999 (IEC 60384-1 1992, -18 1993)

Aluminum Electrolytic Capacitors

Outline Drawing

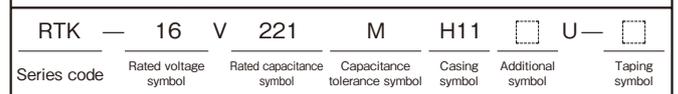
Unit : mm



Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	120	1k	10k	100k
Rated voltage (V)				
10 to 63	0.77	0.88	0.96	1

Part numbering system (example : 16V220μF)



- Soldering conditions are described on page 11.
- Land pattern size are described on page 12.
- The taping specifications are described on page 13.

Standard Ratings

Rated capacitance (μF)	Item	10				16				25				35				50				63			
		Case	ESR	Impedance	Rated ripple current	Case	ESR	Impedance	Rated ripple current	Case	ESR	Impedance	Rated ripple current	Case	ESR	Impedance	Rated ripple current	Case	ESR	Impedance	Rated ripple current	Case	ESR	Impedance	Rated ripple current
		φD(mm)	Ω	Ω	mArms																				
10																									
22																									
33																									
47																									
100																									
220																									
330																									

(Note) Impedance : 20°C, 100kHz ; Rated ripple current : 125°C, 100kHz ; ESR : 20°C, 120Hz

NOTE

Design, Specifications are subject to change without notice.
Ask factory for technical specifications before purchase and/or use.