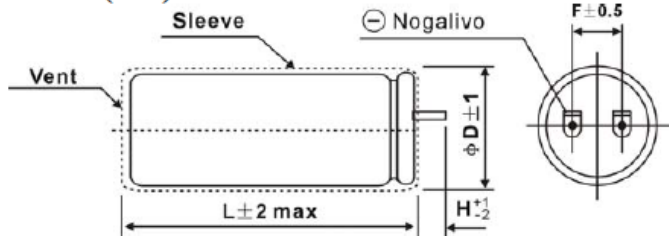


RU6712

Standard Ratings

Voltage	capacitance	dimension	tolerance	Max leakage	Max tanδ	Max ESR	Max ripple (85°2Khz)
(V)	(μF)	(mm)	(%)	(μA)		(mΩ)	(Arms)
100	10000	50*80	+/-20%	1500	0.25	30	8

Dimension:(mm)



ØD	F	H+1-2
50	20	11

Multiplier for ripple current

Frequency coefficient

Frequency(Hz)	50	60	120	1K	10K	≥50K
Rated Voltage(V)	0.88	0.90	1.00	1.15	1.15	1.15
100	0.88	0.90	1.00	1.15	1.15	1.15

Temperature coefficient

Temperature(°C)	+20	+45	+70	+85
Factor	1.50	1.48	1.30	1.00

Specifications

Operating Temperature Range(°C)	-40~+85	
Rated Voltage Range(V)	100	
Capacitance Range(μF)	10000	
Capacitance Tolerance(25°C, 120Hz)	+/-20%	
Leakage Current(μA)	3CV(μA) Max (25°C, after 5 minutes) C: Nominal Capacitance (μF) V: Rated Voltage (V)	
Dissipation Factor(25°C, 120Hz)	Rated Voltage (V)	100
	Cap (μF)	10000
	Tanδ (Max)	0.25
Temperature Stability (120Hz)	Rated Voltage (V)	100
	Impedance	Z-25°C/Z+20°C 3
	Ratio	Z-40°C/Z+20°C 12
Load Life (85°C)	Time	1000hours
	Leakage Current	Not more than the specified value.
	Capacitance Change	Within±20% of the initial value
	Dissipation Factor	Not more than 200% of the specified value.
Shelf Life (85°C)	Time	1000hours
	Leakage Current	Not more than the specified value.
	Capacitance Change	Within±20% of the initial value
	Dissipation Factor	Not more than 200% of the specified value.

After test: U_R to be applied for 60 minutes, 24 to 48 hours before measurement.