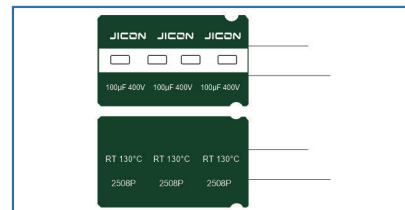


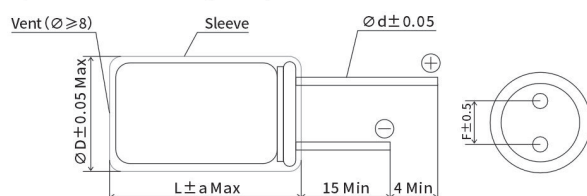
RT 系列 SERIES

- 2000-5000h at 130°C
- High temperature resistance, 130°C
- Switching power supplies
- Smoothing, Buffering, Filtering
- RoHS Compliant



Items	Characteristics						
Operating Temperature Range(°C)	-25~+130						
Voltage Range (V)	160~450						
Capacitance Range (μF)	4.7~330						
Capacitance Tolerance(20°C, 120Hz)	±20%						
Leakage Current (μA)	160~450V						
	I≤ 0.02CV+15μA After 2 minute at 20°C application of rated voltage						
	I:Max. leakage current (μA) C:Nominal Capacitance (μF) V:Rated Voltage (V)						
Dissipation Factor (20°C, 120Hz)	Rated Voltage (V)	160	200	250	350	400	450
	Tanδ(max)	0.15			0.20		
Low Temperature Characteristics (Max. Impedance Ratio at 120Hz)	Rated Voltage (V)	160	200	250	350	400	450
	Z-25°C/Z+20°C	4			6		
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied for the specified period of time at 130°C.						
	Capacitance change		≤± 20% of the initial value			Case Dia	Life time (h)
	D.F.(Tanδ)		≤200% of specified value			φD≤8	2000
	Leakage current		≤The initial specified value			φD=10	3000
						φD>10	5000
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 130°C without voltage applied .						
	Capacitance change		≤± 20% of the initial value				
	D.F.(Tanδ)		≤200% of specified value				
	Leakage current		≤200% of specified value				

◆ Dimensions(mm)



ΦD	5	6.3	8	10	13	16	18	20	22
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5	7.5	10
Φd	0.5			0.6		0.8			
a	1.5					2.0			

◆ Frequency Coefficient

Frequency	50/60HZ	120HZ	1KHZ	10KHZ	50KHZ	100KHZ
Coefficient	0.8	1.0	1.3	1.5	1.6	1.6

◆ Temperature Coefficient

Temperature(°C)	+85	+105	+130
Coefficient	2.00	1.60	1.00

◆ Ratings for RT Series

UR (Surge Voltage) Code	Rated Capacitance	Max ESR 20°C120Hz	Rated Ripple Current 130°C120Hz	Size φD×L
(V)	(μF)	(Ω)	(mA _{rms})	(mm)
160(200)2C	18	11.00	84	10×13
	22	9.00	101	10×16
	33	6.00	139	10×20
	47	4.20	165	10×25
	68	2.90	226	13×20
	100	1.90	302	13×25
	150	1.30	410	16×25
	220	0.90	514	18×30
	330	0.60	673	18×40
200(250)2D	15	13.20	72	10×13
	22	9.00	105	10×20
	33	6.00	143	10×25
	47	4.20	168	13×20
	68	2.90	224	13×25
	100	1.90	305	16×25
	150	1.30	415	16×30
	220	0.90	520	18×35
	270	0.73	611	18×40
250(300)2E	10	19.90	68	10×13
	15	13.20	85	10×16
	22	9.00	113	10×20
	33	6.00	153	13×16
	47	4.20	207	13×25
	68	2.90	264	16×25
	100	1.90	346	16×30
	150	1.30	430	18×30
	180	1.10	485	18×35
350(400)2V	220	0.90	550	18×40
	6.8	39.00	56	10×13
	10	26.50	70	10×16
	15	17.60	88	10×20
	22	12.00	115	13×20
	33	8.00	155	13×25
	47	5.60	210	16×25
	68	3.90	270	16×30
	82	3.20	300	18×25
400(450)2G	100	2.60	350	18×35
	120	2.20	407	18×40
	6.8	39.00	56	10×13
	10	26.50	72	10×16
	15	17.60	92	10×20
	22	12.00	118	13×25
	33	8.00	158	13×25
	47	5.60	215	16×25
	56	4.70	240	16×30
450(500)2W	68	3.90	275	16×35
	82	3.20	310	18×30
	100	2.60	360	18×35
	4.7	4.70	42	10×13
	6.8	39.00	58	10×16
	10	26.50	75	10×20
	15	17.60	95	10×25
	22	12.00	127	13×25
	33	8.00	168	16×25
	47	5.60	218	16×30
	56	4.7	250	16×35
	68	3.90	280	18×30
	82	3.20	325	18×35
	100	2.60	375	18×40