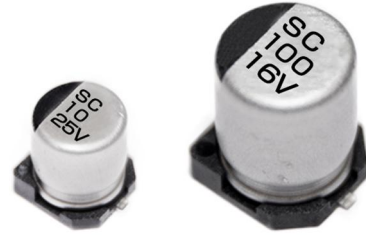


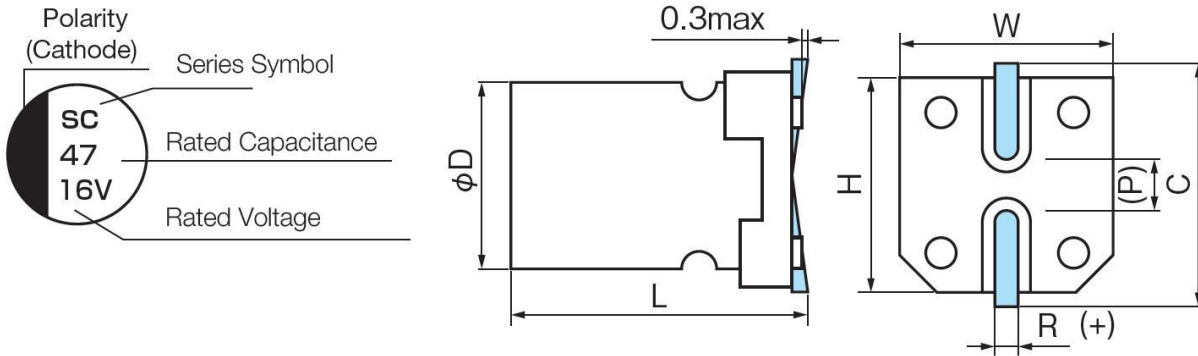
FEATURES

- 105°C 2,000Hours
- Low leakage current
- Solvent proof (within 2 minutes)



DIMENSIONS (mm)

[$\phi D \leq 10$] Black print on the case top



$\phi D^{\pm 0.5}$	$L^{\pm 0.4}$	$W^{\pm 0.2}$	$H^{\pm 0.2}$	$C^{\pm 0.2}$	R	$p^{\pm 0.2}$
4	5.4	4.3	4.3	5.1	0.5 ~ 0.8	1
5	5.4	5.3	5.3	6.1	0.5 ~ 0.8	1.3
6.3	5.4	6.6	6.6	7.3	0.5 ~ 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 ~ 0.8	2.2



SPECIFICATIONS

Items	Condition	Specifications							
		6.3	10	16	25	35	50		
Rated voltage (V)	—	6.3	10	16	25	35	50		
Surge voltage (V)	Room temperature	8	13	20	32	44	63		
Category temperature range (°C)	—	-40 to +105							
Capacitance tolerance (%)	120Hz/20°C	M : ±20							
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C	0.24	0.2	0.18	0.16	0.14	0.12		
Leakage current (LC)	µA/after 2minutes (max)	The greater value of either 0.002CV or 0.5µA							
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	4	3	2	2	2	2
		-40°C	Z/Z _{20°C}	10	7	5	3	3	3
Endurance	105°C 2,000hours rated voltage applied (With the rated ripple current)	ΔC/C		Within ±20% of the initial value					
		tanδ		Less than 200% of the specified value					
		LC		Less than the specified value					

RATED RIPPLE CURRENT FREQUENCY COEFFICIENT

Frequency:F(Hz)	50Hz	120Hz	300Hz	1kHz	10kHz≤F
Capacitance:C(µF) All ITEM	0.7	1	1.17	1.3	1.5



STANDARD RATINGS

μF V	6.3			10			16			25			35			50		
	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC	Size	ESR	RC
1																4×5.4	216	10
2.2																4×5.4	98	15
3.3																4×5.4	65	18
4.7										4×5.4	64	19	4×5.4	55	20	5×5.4	46	23
10							4×5.4	35	25	5×5.4	30	28	5×5.4	26	30	6.3×5.4	22	34
22	4×5.4	23.5	31	5×5.4	20	35	5×5.4	16	39	6.3×5.4	14	52	6.3×5.4	12	54	6.3×7.7	9.8	85
33	5×5.4	15.7	39	5×5.4	13	43	6.3×5.4	11	57	6.3×5.4	9.1	63	6.3×7.7	7.8	105			
47	5×5.4	11	47	6.3×5.4	9.2	59	6.3×5.4	7.3	68	6.3×7.7	6.4	100	6.3×7.7	5.5	110			
100	6.3×5.4	5.2	75	6.3×5.4	4.3	76	6.3×7.7	3.5	96									
220	6.3×7.7	2.4	85															

↑ Case

size:φDxL(mm)

↑

ESR(Ω)

max at
100kHz,
20°C

↑

Rated ripple

current

mArms(100kHz,
105°C)

Note: Other Values are available on request. WEET is capable of doing custom service for you.



WEE Technology Company Limited
ROOM 1405, 14/F, LUCKY CENTRE,
171 WANCHAI ROAD,
WANCHAI, HONG KONG
www.weetcap.com
info@weetcap.com

All details in this data sheet are subject to change without notice.
For more details and updates, please visit our website.

Copyright © 2000 WEE Technology, All rights reserved.



PN Structure

WSC	0J	0R1	M	040054	T	R
Series	Rated Voltage	Capacitance	Capacitance Tolerance	Dimension	Packing	Pb
	1.	2.	3.	4.	5.	6.

1. Rated Voltage

Code	0J	1A	1C	1D	1E	1V	1G	1H	1J	1K	2A
Voltage	6.3V	10V	16V	20V	25V	35V	40V	50V	63V	80V	100V

2. Capacitance

Code	0R1	R22	R33	R47	010	2R2	3R3	4R7	100	220	330	470	101
Capacitance (μF)	0.1	0.22	0.33	0.47	1	2.2	3.3	4.7	10	22	33	47	100

3. Capacitance Tolerance

Code	K	L	M
Tolerance	±10%	±15%	±20%

4. Dimension

Code	040054	050054	063054	080105	100105
Dimension (mm)	4x5.4	5x5.4	6.3x5.4	8x10.5	10x10.5

5. Packing

Code	T
Packing	Tape & Reel

6. Pb

Code	L	R
Pb	Leaded	RoHS

