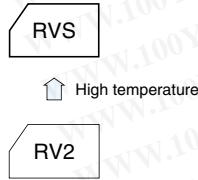


Chip Type 105°C Capacitors (height:5.5mm) Series RVS

- Compatible with surface mounting for 5.5mm high capacitors.
- Supplied with carrier taping.
- Guarantees 1000 hours at 105°C.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

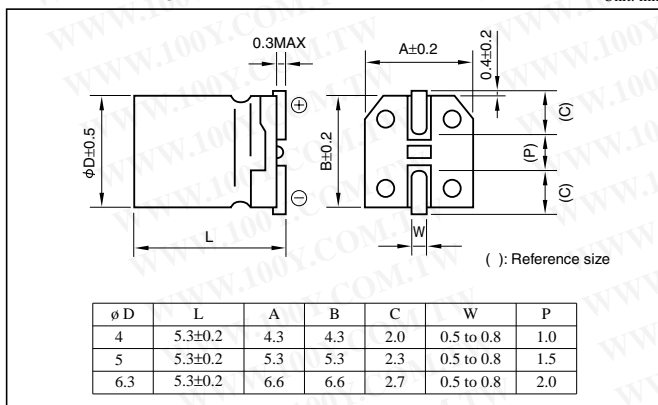


Marking color : Black print

Specifications

Item	Performance
Category temperature range (°C)	-55 to +105
Tolerance at rated capacitance (%)	±20 (20°C,120Hz)
Leakage current (µA)	Less than 0.01CV 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.)
Endurance (105°C) (Applied ripple current)	Test time
	Leakage current
	Percentage of capacitance change
	Tangent of the loss angle
Shelf life (105°C)	Test time : 1000 hours; other items are the same as those for the endurance. Voltage application treatment : According to JIS C5101-1
Applicable standards	JIS C5101-1, -18 1998 (IEC 60384-1 1992, -18 1993)

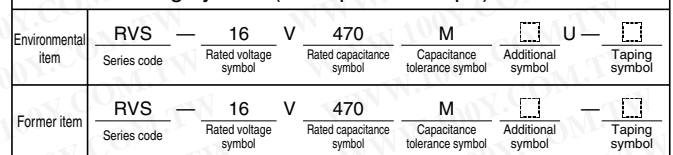
Outline Drawing



Coefficient of Frequency for Rated Ripple Current

Rated voltage(V) \ Frequency(Hz)	50 · 60	120	1k	10k · 100k
6.3 to 16	0.80	1	1.15	1.25
25 to 35	0.80	1	1.25	1.40
50	0.80	1	1.35	1.50

Part numbering system (example: 16V47µF)



- Soldering conditions and land size are described on page 14.
- The taping specifications are described on page 15.

Standard Ratings

Rated capacitance(µF)	6.3			10			16			25			35			50		
	Case	ESR	Rated ripple current	Case	ESR	Rated ripple current	Case	ESR	Rated ripple current	Case	ESR	Rated ripple current	Case	ESR	Rated ripple current	Case	ESR	Rated ripple current
0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	1190	2
0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	905	3
0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	603	4
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	424	5
2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	199	7
3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	91	10
4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	60	12
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	42	17
22	4	23	21	4	43	15	4	36	16	5	27	21	5	22	23	6.3	20	26
33	5	15	30	5	20	25	5	17	28	6.3	12	36	6.3	10	50	—	—	—
47	5	11	36	5	13	31	6.3	11	40	6.3	8.0	44	—	—	—	—	—	—
100	5	11	36	6.3	9.2	43	6.3	7.8	47	—	—	—	—	—	—	—	—	—

(Note) Rated ripple current : 105°C, 120Hz ; ESR : 20°C, 120Hz