



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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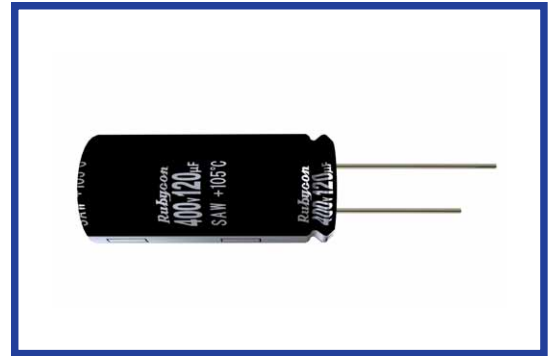
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SAW SERIES
UPGRADE
105°C Overvoltage Venting Specification, Miniaturized

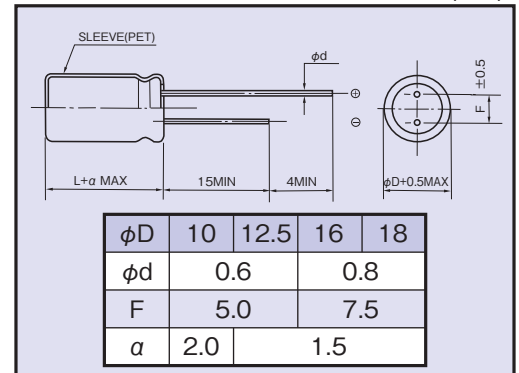
- Load Life : 105°C 2000 hours.
- This series has specification of vent operation in overvoltage situation. Please consult us for any further details.


SPECIFICATIONS

Items	Characteristics								
Category Temperature Range	-25~+105°C								
Rated Voltage Range	200~450Vdc								
Capacitance Tolerance	±20% (20°C, 120Hz)								
Leakage Current(MAX)	$I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I =Leakage Current(μA) C =Capacitance(μF) V =Rated Voltage(Vdc)								
Dissipation Factor(MAX) (tanδ)	0.15 (20°C, 120Hz)								
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 105°C, the capacitors shall meet the following requirements. <table border="1" style="margin-left: 20px;"> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>	Capacitance Change	Within ±20% of the initial value.	Dissipation Factor	Not more than 200% of the specified value.	Leakage Current	Not more than the specified value.		
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Dissipation Factor	Not more than 200% of the specified value.								
Leakage Current	Not more than the specified value.								
Low Temperature Stability Impedance Ratio(MAX)	<table border="1" style="margin-left: 20px;"> <tr> <td>Rated Voltage (Vdc)</td> <td>200</td> <td>400, 450</td> <td>(120Hz)</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>3</td> <td>8</td> <td></td> </tr> </table>	Rated Voltage (Vdc)	200	400, 450	(120Hz)	Z(-25°C)/Z(20°C)	3	8	
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Z(-25°C)/Z(20°C)	3	8							

DIMENSIONS

(mm)


STANDARD SIZE

Rated Voltage (Vdc)	Capacitance (μF)	Size φD×L (mm)	Rated Ripple Current (A r.m.s./105°C, 120Hz)
200	120	16×20	0.49
	150	18×20	0.53
	180	16×30	0.66
	180	18×25	0.62
	220	16×30	0.71
	220	18×25	0.71
400	270	18×30	0.81
	18	12.5×20	0.14
	22	12.5×25	0.16
	27	12.5×25	0.18
	27	16×20	0.19
	33	16×20	0.21
	39	16×25	0.25
	39	18×20	0.25
	47	16×25	0.28
	47	18×20	0.28
	56	16×30	0.30
	56	18×25	0.30
	68	16×35	0.35
	68	18×25	0.33
450	82	16×40	0.40
	82	18×30	0.38
	100	18×35	0.44
	120	18×40	0.50
	4.7	10×12.5	0.065
	10	10×20	0.11
	22	16×20	0.18
	33	16×25	0.23
	39	18×25	0.25
	47	18×25	0.32
56	18×35	0.45	
68	18×31.5	0.45	
68	18×35	0.47	
82	18×40	0.51	

MULTIPLIER FOR RIPPLE CURRENT

Frequency (Hz)		60 (50)	120	500	1k	10k≤
Coefficient	200Vdc	0.80	1.00	1.10	1.14	1.18
	400, 450Vdc	0.80	1.00	1.05	1.10	1.15

OPTION

	Code
PET Sleeve	EFC

PART NUMBER

□□□	SAW	□□□□□	M	□□□	□□	D×L
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option	Lead Forming	Case Size