



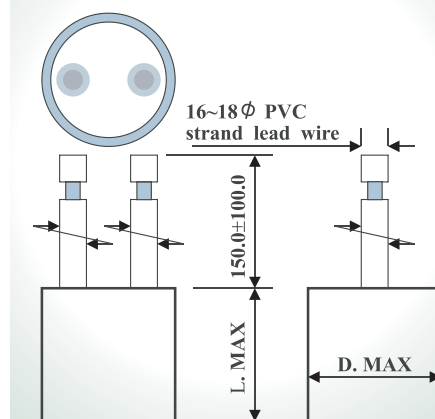
R AC Motor Capacitor SERIES

Pass Large Current Power Striding Connect.
Series Filter Capacitors, Vibrating Capacitors,
AC Running Motor Capacitors, HID Capacitors,
Fluorescent Capacitors.

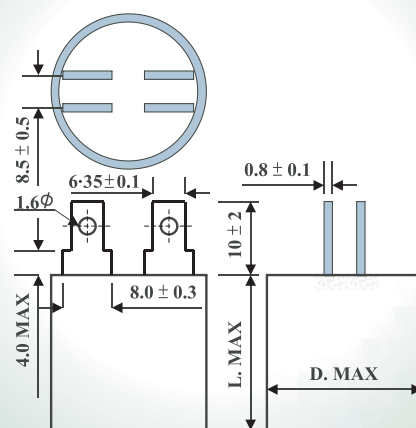
Series MF AC Power cap Specifications

01. Operating Temperature : $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
02. Capacitance Range : $1.0 \sim 120.0 \mu\text{F}$
03. Capacitance Tolerance :
J = $\pm 5\%$, U = $+10 \sim -5\%$, K = $\pm 10\%$.
04. Rated Working Voltage Range : $250 \sim 500 \text{ Vac } 50/60 \text{ Hz}$
05. Withstand Voltage Test : (A) Dielectric strength test (TV):
Rated Voltage $\times 175\%$ for 1-5 Sec (B) Between Terminals
and Case(TC): Rated Voltage $\times 2 + 1000\text{V}$ for one minute,
at 25°C
06. Dissipation Factor (DF) : 0.5% MAX. When measured at
 1 KHZ , 25°C
07. Insulation Resistance (IR) : (A) Between Terminals:
Above $1000 \Omega \text{ F}$, at in 100VDC in 25°C (B) Between
Terminals and Case: Above $10000\text{m}\Omega$, at 500vdc in 25°C
08. Pull Test : Will sustain 2 Kg steady pull in the direction of
lead egress and 1 Kg steady pull at any 90° degree angle for
60 seconds. After test, capacitor shall show no evidence of
damage and pass all electrical requirements
09. Damp-heat Test : capacitor are subjected to an
environmental test chamber at R.H. 90 to 95% , operating
temperatures for 240 hours. After the test, capacitor shall be
conditioned at room temperature for 2 hours and meet the
following criteria:
(A) Capacitance change shall be less than 3%
(B) Dissipation factor shall be less than 0.2% .
(C) Insulation resistance shall be over 50% of the
minimum requirement.
10. Life Test : (on-off) $100,000$ cycle ± 5000 times on 2
seconds off 2 seconds at operating temperatures with rated
voltage. After the test, the capacitance drift 5% , dissipation
factor 0.5% , insulation resistance 50% .

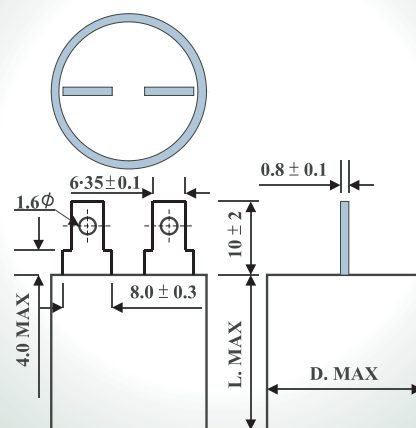
SMR-W



SMR-2T2



SMR-T2



Versions of S.M. AC Motors RUN capacitors - ISO-9001 certified

R SERIES												
CAP	120~300VAC		310~350VAC		360~400VAC		410~450VAC		460~525VAC		530~600VAC	
μF	D	L	D	L	D	L	D	L	D	L	D	L
3.0							30.0	52.0	35.5	52.5	35.5	52.5
3.5							35.5	52.5	35.5	52.5	35.5	52.5
4.0					30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5
4.5					30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5
5.0			30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	60.5
5.5			30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	60.5
6.0	30.0	52.0	30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	65.0
6.5	30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	60.5	40.5	65.0
7.0	30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	60.5	40.5	65.0
7.5	30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	65.0	40.5	65.0
8.0	30.0	52.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	65.0	40.5	65.0
9.0	30.0	52.0	35.5	52.5	40.5	60.5	40.5	60.5	40.5	65.0	40.5	65.0
10.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	65.0	40.5	65.0	45.5	77.0
12.0	35.5	52.5	35.5	52.5	40.5	60.5	40.5	65.0	45.5	77.0	45.5	77.0
14.0	35.5	52.5	40.5	60.5	40.5	65.0	40.5	65.0	45.5	77.0	45.5	77.0
15.0	35.5	52.5	40.5	60.5	40.5	65.0	40.5	65.0	45.5	77.0	45.5	77.0
16.0	35.5	52.5	40.5	60.5	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0
18.0	35.5	52.5	40.5	65.0	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0
20.0	40.5	60.5	40.5	65.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0
22.0	40.5	60.5	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	90.0
23.0	40.5	60.5	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	90.0
24.0	40.5	60.5	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	90.0
25.0	40.5	60.5	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	90.0
26.0	40.5	60.5	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	90.0
28.0	40.5	65.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0
30.0	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0
32.0	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0
33.0	40.5	65.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0
35.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0	60.0	125.0
36.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0	60.0	125.0
38.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0	60.0	125.0
40.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0	60.0	125.0
42.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0	60.0	125.0
44.0	40.5	65.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0	60.0	125.0
45.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0	MAX 44.0 μF	
47.0	45.5	77.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0		
50.0	45.5	77.0	52.0	90.0	52.0	90.0	52.0	125.0	60.0	125.0		
55.0	45.5	77.0	52.0	90.0	52.0	90.0	60.0	125.0	60.0	125.0		
60.0	45.5	77.0	52.0	90.0	52.0	90.0	60.0	125.0	MAX 56.0 μF			
65.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0				
70.0	45.5	77.0	52.0	90.0	52.0	125.0	60.0	125.0				
75.0	52.0	90.0	52.0	90.0	60.0	125.0	MAX 72.0 μF					
80.0	52.0	90.0	52.0	90.0	60.0	125.0						
85.0	52.0	90.0	52.0	125.0	60.0	125.0						
90.0	52.0	90.0	52.0	125.0	60.0	125.0						
95.0	52.0	90.0	52.0	125.0	60.0	125.0						
100.0	52.0	90.0	52.0	125.0	MAX 97.0 μF							
120.0	52.0	90.0	60.0	125.0								