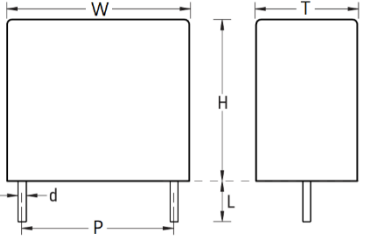
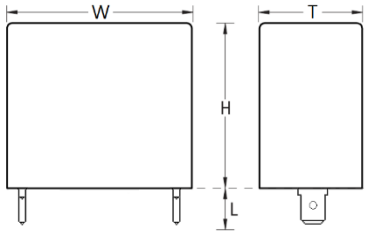
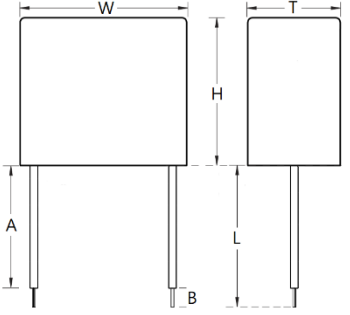


AC Film Capacitor Incl. Motor run, Class S0

■ 外形圖 Outline Drawing

鍍錫引線 Tinned Lead Wires	扁平快速連接 Flat quick connectors	絕緣軟電線 Insulated Flexible wires
		

■ 典型應用

廣泛應用於 50Hz/60Hz 頻率功率下的交流單相電機的啟動和運行，要求電機運行 S0 安全分類。

■ 特徵

金屬化聚丙烯薄膜徑向鍍錫引線或電纜線，電容器封裝在自熄耐溶劑塑料殼中，採用符合 UL 94 V-0 要求的熱固性樹脂材料。

■ Typical Applications

Widely applied to starting and running of AC Single-phase motors at 50Hz/60Hz frequency power

■ Features

Metallized polypropylene film with radial leads of tinned wire or cable. The capacitor is encapsulated in a self-Extinguishing solvent resistant plastic case with thermosetting resin material meeting UL 94 V-0 requirements.

■ 規格 Specifications

參考標準 Reference Standard		GB/T 3667.1 (IEC 60252-1)				
容量範圍 Capacitance Range		CQC		VDE		UL
		0.50μF ~50μF		0.50μF ~30μF		0.50μF ~50μF
容量誤差 Capacitance Tolerance		±5% (J)				
額定交流電壓 Rated AC Voltage - 50/60 Hz (U _N)		250Vac	300Vac	350Vac	400Vac	450Vac
工作溫度範圍 Operating Temperature Range		-40℃~85℃				
安全防護等級 Class of Safety Protection		S0				
運行等級-預期壽命 Operating Class-Life Expectancy		Class B 10,000 hours				
耐電壓	引線間 Between Terminals	2 x U _N for 2 seconds				
Voltage Proof	引線與外殼間 Between Terminal and Case	2,000 Vac, 2 seconds				
最大允許電壓 Maximum Permissible Voltage		1.10 x rated voltage				
最大允許電流 Maximum Permissible Current		1.30 x rated current				
損耗因素 Dissipation Factor		≤ 20 x 10 ⁻⁴ at 20℃, 100kHz				
絕緣電阻 Insulation Resistance		IR x C _N ≥ 3000 s (100Vdc, 60sec / 20℃)				

AC Film Capacitor Incl. Motor run, Class S0

■ 產品代碼構成 Product code system

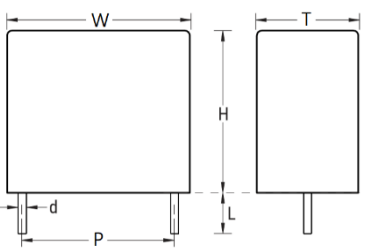
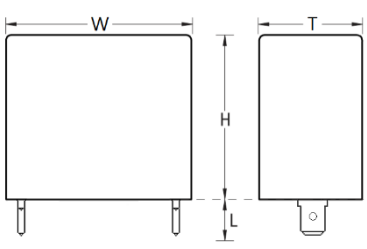
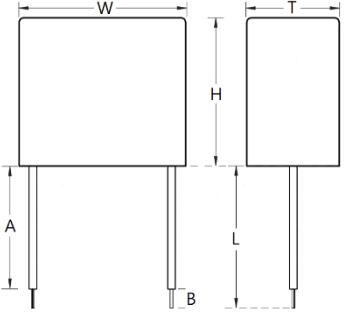
鍍錫引線和扁平快速連接 For Tinned Lead Wires and Flat quick-connectors

SMWB	H	105	J	0450	A	T	32	15
型號 Type	內部使用 Internal Use	容值 Capacitance	公差 Tolerance	額定電壓 Rated Voltage	交直流 AC/DC	端子樣式 Terminal Style	引線間距 Lead Pitch	引線長度 Lead Length
SMWB= AC Film Capacitor Incl. Motor Run Class- S0	--	105 =1000nF =1.0μF	J=±5%	0250=250V 0300=300V 0350=350V 0400=400V 0450=450V	A=AC	Shown as Table I (表一)	28=27.5mm 32=31.5mm 38=37.5mm 43=42.5mm 53=52.5mm	04=3.5mm 15=15mm 23=23mm DP= Flat quick- connectors

絕緣軟電線 For Insulated Flexible wires

SMWB	H	105	J	0450	A	20	080
型號 Type	內部使用 Internal Use	容值 Capacitance	公差 Tolerance	額定電壓 Rated Voltage	交直流 AC/DC	電線代碼 Cable Code	電線長度 Cable Length
SMWB= AC Film Capacitor Incl. Motor Run Class- S0	--	105 =1000nF =1.0μF	J=±5%	0250=250V 0300=300V 0350=350V 0400=400V 0450=450V	A=AC	18=1015 AWG 18 20=1015 AWG 20 22=1015 AWG 22	060=60mm 080=80mm 100=100mm 120=120mm 150=150mm

(表一) Table I

端子樣式 Terminal Styles		
T 鍍錫引線 Tinned Lead Wires	F 扁平快速連接 Flat quick connectors	I 絕緣軟電線 Insulated Flexible wires
		

AC Film Capacitor Incl. Motor run, Class S0

■ 尺寸 Dimensions (mm)

250Vac						
Cap. μF	W	H	T	P	d	Part number
0.5	32	22	13	27.5	0.8	SMWB_505J0250A*28**
1.0	32	19.5	11	27.5	0.8	SMWB_105J0250A*28**
1.2	32	19.5	11	27.5	0.8	SMWB_125J0250A*28**
1.5	32	19.5	11	27.5	0.8	SMWB_155J0250A*28**
1.8	32	22	13	27.5	0.8	SMWB_185J0250A*28**
2.0	32	22	13	27.5	0.8	SMWB_205J0250A*28**
2.2	32	22	13	27.5	0.8	SMWB_225J0250A*28**
2.5	32	23	13	27.5	0.8	SMWB_255J0250A*28**
2.7	32	24.5	14	27.5	0.8	SMWB_275J0250A*28**
3.0	38	24.5	14	31.5	0.8	SMWB_305J0250A*32**
3.5	38	26	15	31.5	0.8	SMWB_355J0250A*32**
4.0	38	26	16	31.5	0.8	SMWB_405J0250A*32**
4.5	38	28	18	31.5	0.8	SMWB_455J0250A*32**
5.0	38	28	18	31.5	0.8	SMWB_505J0250A*32**
5.5	38	30	20	31.5	0.8	SMWB_555J0250A*32**
6.0	38	30	20	31.5	0.8	SMWB_605J0250A*32**
7.0	38	35	21	31.5	0.8	SMWB_705J0250A*32**
8.0	38	28	18	31.5	0.8	SMWB_805J0250A*32**
8.0	38	35	21	31.5	0.8	SMWB_805J0250A*32**
9.0	48	30	20	41.5	0.8	SMWB_905J0250A*42**
10	50	32	22	41.5	0.8	SMWB_106J0250A*42**

300Vac						
Cap. μF	W	H	T	P	d	Part number
0.5	32	22	13	27.5	0.8	SMWB_505J0300A*28**
1.0	36	22	12	31.5	0.8	SMWB_105J0300A*32**
1.2	36	22	12	31.5	0.8	SMWB_125J0300A*32**
1.5	36	22	12	31.5	0.8	SMWB_155J0300A*32**
1.8	36	22	12	31.5	0.8	SMWB_185J0300A*32**
2.0	36	23	14	31.5	0.8	SMWB_205J0300A*32**
2.2	36	23	14	31.5	0.8	SMWB_225J0300A*32**
2.5	37	26	15	31.5	0.8	SMWB_255J0300A*32**
2.7	37	26	15	31.5	0.8	SMWB_275J0300A*32**
3.0	38	26	16	31.5	0.8	SMWB_305J0300A*32**
3.5	38	28	18	31.5	0.8	SMWB_355J0300A*32**
4.0	38	28	18	31.5	0.8	SMWB_405J0300A*32**
4.5	38	30	20	31.5	0.8	SMWB_455J0300A*32**
5.0	38	35	21	31.5	0.8	SMWB_505J0300A*32**
5.5	38	35	21	31.5	0.8	SMWB_555J0300A*32**
6.0	49	30	20	41.5	0.8	SMWB_605J0300A*42**
7.0	50	32	22	41.5	0.8	SMWB_705J0300A*42**
8.0	50	32	22	41.5	0.8	SMWB_805J0300A*42**
9.0	48	37	26	41.5	0.8	SMWB_905J0300A*42**
10	48	37	26	41.5	0.8	SMWB_106J0300A*42**

(1) The symbol _ is internal use code

(2) The symbol * means style of terminal

(3) The symbol ** means the lead length

For more specifications and sizes, please contact us

AC Film Capacitor Incl. Motor run, Class S0

■ 尺寸 Dimensions (mm)

350Vac						
Cap. μF	W	H	T	P	d	Part number
0.5	32	22	13	27.5	0.8	SMWB_505J0350A*28**
1.0	36	22	12	31.5	0.8	SMWB_105J0350A*32**
1.2	36	22	12	31.5	0.8	SMWB_125J0350A*32**
1.5	36	22	12	31.5	0.8	SMWB_155J0350A*32**
1.8	36	22	12	31.5	0.8	SMWB_185J0350A*32**
2.0	36	23	14	31.5	0.8	SMWB_205J0350A*32**
2.2	36	23	14	31.5	0.8	SMWB_225J0350A*32**
2.5	37	26	15	31.5	0.8	SMWB_255J0350A*32**
2.7	37	26	15	31.5	0.8	SMWB_275J0350A*32**
3.0	38	26	16	31.5	0.8	SMWB_305J0350A*32**
3.5	38	28	18	31.5	0.8	SMWB_355J0350A*32**
4.0	38	28	18	31.5	0.8	SMWB_405J0350A*32**
4.5	38	30	20	31.5	0.8	SMWB_455J0350A*32**
5.0	38	35	21	31.5	0.8	SMWB_505J0350A*32**
5.5	38	35	21	31.5	0.8	SMWB_555J0350A*32**
6.0	49	30	20	41.5	0.8	SMWB_605J0350A*42**
7.0	50	32	22	41.5	0.8	SMWB_705J0350A*42**
8.0	50	32	22	41.5	0.8	SMWB_805J0350A*42**
9.0	48	37	26	41.5	0.8	SMWB_905J0350A*42**
10	48	37	26	41.5	0.8	SMWB_106J0350A*42**

400Vac						
Cap. μF	W	H	T	P	d	Part number
0.5	32	22	13	27.5	0.8	SMWB_505J0400A*28**
1.0	36	22	12	31.5	0.8	SMWB_105J0400A*32**
1.2	36	22	12	31.5	0.8	SMWB_125J0400A*32**
1.5	38	23	14	31.5	0.8	SMWB_155J0400A*32**
1.8	37	26	15	31.5	0.8	SMWB_185J0400A*32**
2.0	38	26	16	31.5	0.8	SMWB_205J0400A*32**
2.2	38	26	16	31.5	0.8	SMWB_225J0400A*32**
2.5	38	26	16	31.5	0.8	SMWB_255J0400A*32**
2.7	38	28	18	31.5	0.8	SMWB_275J0400A*32**
3.0	38	28	18	31.5	0.8	SMWB_305J0400A*32**
3.5	38	30	20	31.5	0.8	SMWB_355J0400A*32**
4.0	38	35	20	31.5	0.8	SMWB_405J0400A*32**
4.5	49	30	20	41.5	0.8	SMWB_455J0400A*42**
5.0	49	30	20	41.5	0.8	SMWB_505J0400A*42**
5.5	50	32	22	41.5	0.8	SMWB_555J0400A*42**
6.0	50	32	22	41.5	0.8	SMWB_605J0400A*42**
7.0	48	37	26	41.5	0.8	SMWB_705J0400A*42**
8.0	48	37	26	41.5	0.8	SMWB_805J0400A*42**
9.0	58	38	25	52	0.8	SMWB_905J0400A*52**
10	58	38	26	52	0.8	SMWB_106J0400A*52**

(1) The symbol _ is internal use code

(2) The symbol * means style of terminal

(3) The symbol ** means the lead length

For more specifications and sizes, please contact us

AC Film Capacitor Incl. Motor run, Class S0

■ 尺寸 Dimensions (mm)

450Vac						
Cap. μF	W	H	T	P	d	Part number
0.5	32	22	13	27.5	0.8	SMWB_505J0450A*28**
1.0	36	22	12	31.5	0.8	SMWB_105J0450A*32**
1.2	36	22	12	31.5	0.8	SMWB_125J0450A*32**
1.5	38	23	14	31.5	0.8	SMWB_155J0450A*32**
1.8	37	26	15	31.5	0.8	SMWB_185J0450A*32**
2.0	38	26	16	31.5	0.8	SMWB_205J0450A*32**
2.2	38	26	16	31.5	0.8	SMWB_225J0450A*32**
2.5	38	26	16	31.5	0.8	SMWB_255J0450A*32**
2.7	38	28	18	31.5	0.8	SMWB_275J0450A*32**
3.0	38	28	18	31.5	0.8	SMWB_305J0450A*32**
3.5	38	30	20	31.5	0.8	SMWB_355J0450A*32**
4.0	38	35	20	31.5	0.8	SMWB_405J0450A*32**
4.5	49	30	20	41.5	0.8	SMWB_455J0450A*42**
5.0	49	30	20	41.5	0.8	SMWB_505J0450A*42**
5.5	50	32	22	41.5	0.8	SMWB_555J0450A*42**
6.0	50	32	22	41.5	0.8	SMWB_605J0450A*42**
7.0	48	37	26	41.5	0.8	SMWB_705J0450A*42**
8.0	48	37	26	41.5	0.8	SMWB_805J0450A*42**
9.0	58	38	25	52	0.8	SMWB_905J0450A*52**
10	58	38	26	52	0.8	SMWB_106J0450A*52**

(1) The symbol _ is internal use code

(2) The symbol * means style of terminal

(3) The symbol ** means the lead length

For more specifications and sizes, please contact us