

POSCAP TPH series A14-size

(Tentative Specification)

[Features]

1. Low ESR (35mohm max.)
2. Face-down terminals fillet-less surface mounting
3. Small size (A14 : 3.2mm x 1.6mm x 1.4mm)
4. High ripple current capability (1,400mArms max.)

[Characteristics List : A-size]

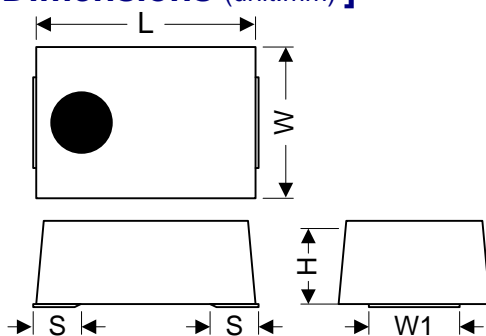
SANYO Part Number	Case size	Rated Voltage (V. DC) (Mark)	Rated Capacitance (uF) *1	Dissipation factor (% max.) *1	Leakage current (uA max.) *2	E.S.R. (mOHM max.) 100kHz *3	Maximum allowable ripple current (mA rms) 100 to 500kHz *4
ETPH220MAZC	A14	2.5(e)	220 (A)	10.0	110	35	1,400

*1:120Hz,+20degreesC *2:After 5 minutes *3 : 100kHz,+20degreesC *4 : 100k to 500kHz,20degreesC

[Specifications]

Operating temperature range (degrees C)		-55 to +85	
Capacitance tolerance (120Hz/20 degrees C)		M : +/-20 %	
Temperature characteristics (Impedance ratio at 100kHz)	-55deg.C	Z/Z20deg.C	0.6 to 2.0
	85deg.C	Z/Z20deg.C	0.6 to 2.0
High temperature load (85deg.C, 1,000Hrs., Rated voltage applied)	△ C/C	Within +/-20 %	
	L.C.	=< The initial standard	
Moisture resistance (60deg.C, 90%RH, 500Hrs., No voltage applied)	△ C/C	Within +40 %, -20 % of the initial value	
	L.C.	=< 3 times the initial standard	

[Dimensions (unit:mm)]



[Size List]

WV (SV)	2.5 (3.2)
uF	A14
220	

Red character : Under Development

Size code	L (+/-0.2)	W (+/-0.2)	H (+/-0.1)	S (+/-0.2)	W1 (+/-0.1)
A14	3.2	1.6	1.4	0.8	1.2

POSCAP TPH series A-size

(Tentative Specification)

[Features]

1. Low ESR (100mOhm max.)
2. Face-down terminals fillet-less surface mounting
3. Small size (A11 : 3.2 x 1.6 x 1.1mm -> 1.2mm max.)
4. High ripple current capability (620mA rms max.)

[Characteristics List : A11-size]

< > : Under Development

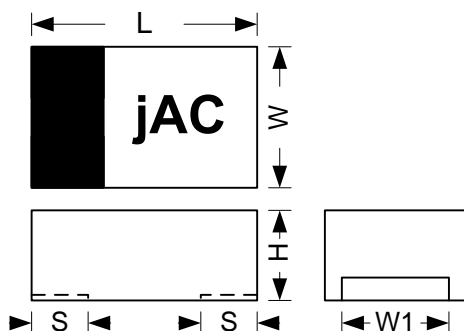
SANYO Part Number	Case Size	Rated Voltage (V. DC) (Mark)	Rated Capacitance (uF) *1	Dissipation Factor (% max.) *1	Leakage Current (uA max.) *2	E.S.R. (mOhm max.) 100kHz *3	Maximum Allowable Ripple Current (mA rms) 100 to 500kHz *4
<6TPH100MAEB>	A11	6.3(j)	100 (A)	10.0	126.0	100	620

*1 : 120Hz, +20°C *2 : After 5 minutes *3 : 100kHz, +20°C *4 : 100k to 500kHz, 45°C

[Specifications]

Operating temperature range (deg.C)		-55 to +85	
Capacitance tolerance (120Hz/20 deg.C)		M : +/-20 %	
Temperature characteristics (Impedance ratio at 100kHz)	-55deg.C	Z/Z20deg.C	0.6 to 2.0
	85deg.C	Z/Z20deg.C	0.6 to 2.0
High temperature load (85deg.C, 1,000Hours, Rated voltage applied)	△ C/C	Within +/-20 %	
	L.C.	=< The initial spec	
Moisture resistance (60deg.C, 90%RH, 500Hours, No voltage applied)	△ C/C	Within +40 %, -20 % of the initial value	
	L.C.	=< 3 times of the initial spec	

[Dimensions (unit:mm)]



[Size List]

WV (SV)	6.3 (8.0)
uF	<A11>
100	

< > : Under Development

Size code	L (+/-0.2)	W (+/-0.2)	H (+/-0.1)	S (+/-0.2)	W1 (+/-0.1)
A11	3.2	1.6	1.1	0.8	1.2