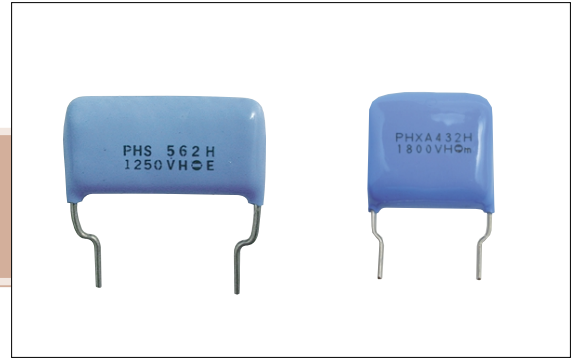


## ■ METALLIZED POLYPROPYLENE FILM CAPACITOR

Type **PHS** • **PHXA**



### Application

- TV, High-definition TV, CAD/CAM and graphic etc.display, for horizontal resonance, realizing high reliability.
- Power supply
- Lighting

### Specific features

- It is excellent in coping with high current and in heat radiation.
- For high current, it is made to cope with current of up to 25 Ampere.
- As a countermeasure against high voltage along with high current, it is made to withstand a high voltage of up to 1800 VH
- It can handle a frequency of 100kHz and over.

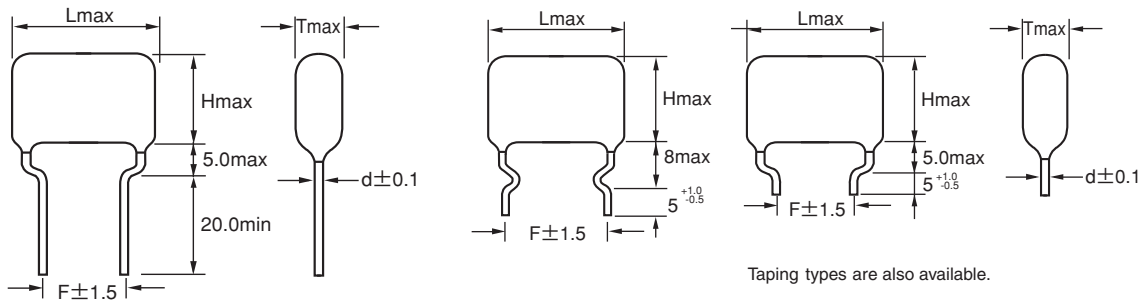
### Specifications

No.	Item	Performance	Remark
1	Operating Temperature Range	-40°C ~ +85°C (+105°C)	
2	Rated Voltage	800VH/1000VDC , 1000VH/1250VDC 1250VH/1600VDC , 1500VH/2000VDC 1800VH/2000VDC	
3	Voltage Proof	Between Terminals	No defect W.V.×150% 60sec.impressing or W.V.×175% 1~5sec.
		Between Terminals and Case	No defect W.V.×200% 2~5 sec.impressing
4	Insulation Resistance	5×10 <sup>4</sup> MΩ or more	500VDC 60 sec
5	Capacitance	0.00022 μF ~ 0.1 μF ± 2%, ± 3%, ± 5%	1kHz ±20%
6	Dissipation Factor	0.001 or less	1kHz ±20%

■ For handling, please refer to Guideline of special attention for the usage of plastic film capacitors.

Dimensions

(mm)



Taping types are also available.

CAP.	PHS															PHXA														
	800VH/1000VDC					1000VH/1250VDC					1250VH/1600VDC					1500VH/2000VDC					1800VH/2000VDC					1800VH				
	L	T	H	F	d	L	T	H	F	d	L	T	H	F	d	L	T	H	F	d	L	T	H	F	d	L	T	H	F	d
221											18.0	6.5	12.5	15.0	0.8															
271											7.0	13.0																		
331	16.0	7.0	11.0	7.5	0.8						6.5	12.0																		
391											7.0	12.5																		
471											6.5	12.0																		
561												12.5																		
681											6.0	11.0				18.0	6.0	11.0	15.0	0.8										
821						16.0	7.0	12.5	7.5	0.8	7.0	12.5				7.0	12.5													
102						18.0	6.5	12.0	15.0		6.5	12.0				6.5	12.0				22.5	6.5	11.0	15.0	0.8	18.0	9.5	17.0	15.0	1.0
122								12.5				12.5					12.5					7.0	11.5				10.0	19.0		
152							7.0	13.0			7.0	13.0				7.0	13.0				8.0	13.0					11.0	20.0		
182								12.5				12.5				7.5	13.5				8.5	13.5					12.0	20.5		
222		6.0	11.0				7.5	13.0			7.5	13.0				8.0	14.0				8.0	13.0				19.5	10.5	19.5		
272		6.5					6.0	11.0			8.0	13.5				9.0	14.5				8.5	15.0					11.5	20.0		
332		7.0	11.5				6.5				8.5	14.0				22.5	7.0	14.0				9.0	15.5				13.0	21.5		
392		6.0	11.0				7.0	11.5			9.0	14.5				7.5					10.0	16.0					14.0	22.5		
472		6.5					5.5	10.5			22.5	7.0	14.0			8.0	15.0				10.5	17.0				21.0	13.0	22.0		
562		7.0	11.5				6.0	11.0				7.5	14.5			8.5	16.0				11.5	18.5					14.0	23.0		
682		8.0	13.0				6.5	11.5			8.0	15.5				9.5	16.5				12.5	19.5					15.5	24.0		
822		8.5	13.5				7.5	13.0			8.5	16.0				10.0	17.0				13.5	20.5					16.5	25.5		
103		6.5	11.0				8.0	13.5			9.0	16.5				10.5	18.0				15.0	22.0					18.0	27.0		
123							9.0	15.0			10.0	17.0				11.5	19.0				26.0	14.0	21.0							
153		7.0	11.5				9.5	16.0			11.0	18.0				13.0	20.0				15.5	22.5								
183		8.0	13.0				10.5	16.5			12.0	19.0				13.5	21.5				16.5	24.0								
223		8.5	14.5				11.5	17.5			26.0	11.5				15.5	22.5													
273		9.5	15.5				12.5	19.5			12.5	20.0																		
333		10.0	16.0			22.5	10.5	16.5			14.0	21.0																		
393		10.5	17.0				11.0	17.5			15.0	22.0																		
473	20.0	9.5	15.5				12.0	19.5			16.5	23.5																		
563		10.0	16.0				13.0	20.5			17.5	25.0																		
683		11.0	16.5				14.5	21.5																						
823		11.5	17.5																											
104		12.5	18.5																											
124																														

Specifications

4U

Type Code	
4U	PHS
4B	PHXA

6R

Rated Voltage	
Code	-VH ( VDC )
6K	800VH (1000VDC)
6A	1000VH (1250VDC)
6R	1250VH (1600VDC)
6T	1500VH (2000VDC)
6U	1800VH (2000VDC)

103

Capacitance	
First two figures mean capacitance (pF) and third expressing number of zeros. Example: 103=10,000PF=0.01 μF	

H

Tolerance	
Code	Tolerance
G	±2%
H	±3%
J	±5%