



**PAV SERIES**

Previous Series

**Load Life : 105°C 3000 hours, Chip Type**

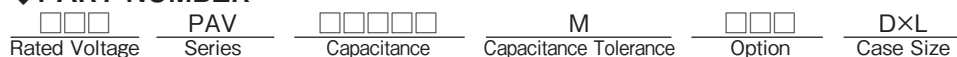
- High Voltage(~63Vdc), Ultra Low ESR, High Ripple Current.
- AEC-Q200.



**◆SPECIFICATIONS**

Items	Characteristics	
Category Temperature Range	-55~+105°C	
Rated Voltage Range	25~63Vdc	
Surge Voltage	Rated Voltage ×1.15	
Capacitance Tolerance	±20%(20°C,120Hz)	
Leakage Current(MAX)	The value is shown in "STANDARD SIZE" table (After 2 minutes)	
Dissipation Factor(MAX) (tanδ)	Not more than 0.12(20°C,120Hz)	
Endurance	After applying rated voltage for 3000 hours at 105°C, the capacitors shall meet the following requirements.	
	Capacitance Change	Within ±20% of the initial value.
	Dissipation Factor	Not more than 150% of the specified value.
	Leakage Current	Not more than the specified value.
Damp heat(Stady state)	After applying rated voltage for 1000 hours at 60°C and humidity of 90 to 95%, the capacitors shall meet the following requirements.	
	Capacitance Change	Within ±20% of the initial value.
	Dissipation Factor	Not more than 150% of the specified value.
	Leakage Current	Not more than the specified value.
Low Temperature Characteristics Impedance Ratio(MAX)	$Z(-55^{\circ}\text{C})/Z(+20^{\circ}\text{C}) \leq 1.25$ (100kHz)	
	$Z(-25^{\circ}\text{C})/Z(+20^{\circ}\text{C}) \leq 1.15$	

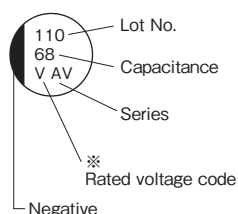
**◆PART NUMBER**



**◆MULTIPLIER FOR RIPPLE CURRENT**

Frequency (Hz)	120	1k	10k	100k≤
Coefficient	0.05	0.30	0.70	1.00

**◆MARKING**

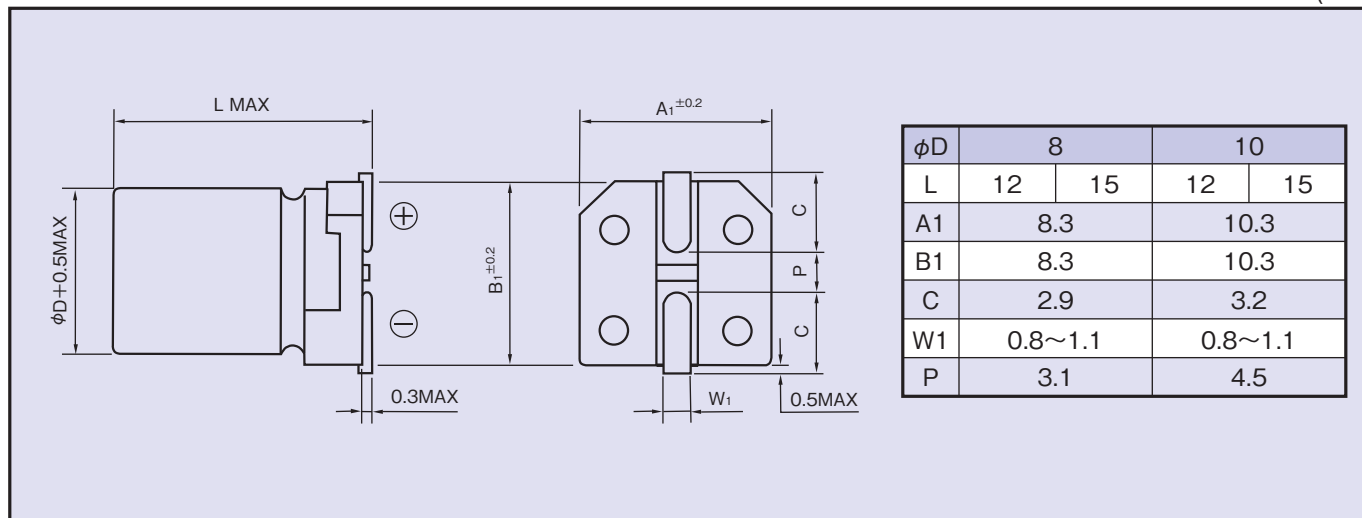


※Voltage code

Rated Voltage (Vdc)	25	35	50	63
Voltage code	E	V	H	J

◆ DIMENSIONS

(mm)



◆ STANDARD SIZE

Rated Voltage (Vdc)	Capacitance (μF)	Size φD×L (mm)	(tanδ) (120Hz, 20°C)	Leakage Current (μA/2min)	E.S.R.(mΩ,max)		Rated Ripple Current (mA r.m.s./100kHz)
					20°C, 100kHz	-40°C, 10kHz	
25	100	8×12	0.12	500	31	47	2000
	120	8×15	0.12	600	29	44	2300
	180	10×12	0.12	900	29	44	2400
	220	10×15	0.12	1100	28	42	2800
35	68	8×12	0.12	476	34	51	1900
	82	8×15	0.12	574	31	47	2300
	100	10×12	0.12	700	29	44	2300
	150	10×15	0.12	1050	28	42	2700
50	33	8×12	0.12	330	36	54	1700
	39	8×15	0.12	390	34	51	2000
	56	10×12	0.12	560	30	45	2200
	68	10×15	0.12	680	29	44	2600
63	22	8×12	0.12	277	37	56	1700
	27	8×15	0.12	340	35	53	2000
	33	10×12	0.12	416	31	47	2200
	47	10×15	0.12	592	30	45	2500