

### DV General purpose Series

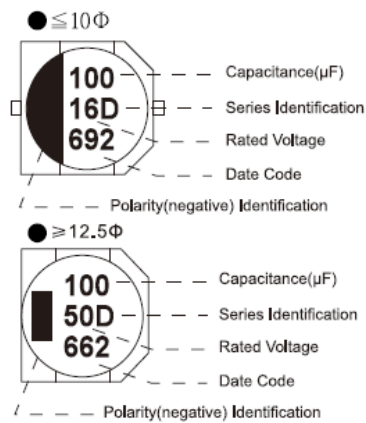


- Endurance: 105°C, 2000 hours
- Recommended Applications: Suitable for AV(TV, Video, Audio), Monitor/Computer, Home appliance, OA/HA/Communication, Industrial, Automobile, Meter.
- Corresponding product to RoHS

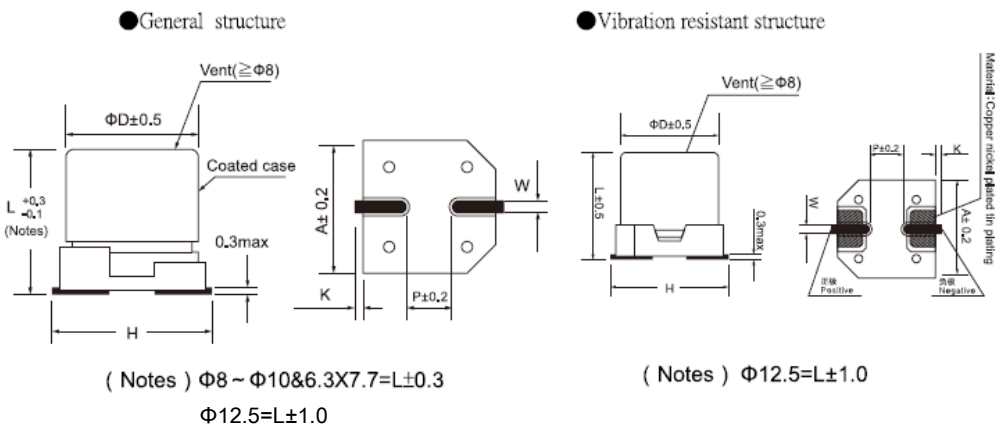
#### Specifications

Item	Characteristics																													
Category Temperature Range	-55 ~ +105°C	-25 ~ +105°C																												
Rated Voltage Range	6.3 ~ 100VDC	160~450VDV																												
Rated Capacitance Range	1~ 2200 μF																													
Capacitance Tolerance	± 20 % (120Hz, 20°C)																													
Leakage Current (20°C)	4~10Φ	12.5~16Φ																												
	I ≤ 0.01CV or 3(μA), whichever is greater. I ≤ 0.03CV or 4(μA), whichever is greater.																													
	(After rated voltage applied for 2 minutes)																													
		12.5~16Φ																												
		I ≤ 0.04CV + 100 uA																												
		(After rated voltage applied for 2 minutes)																												
I= Leakage Current (μA) C= Nominal Capacitance (μF) V= Rated Voltage (V)																														
Dissipation Factor(MAX) (tan δ) (120Hz, 20°C)	Shown in the table of standard ratings																													
Low Temperature Stability Impedance Ratio (MAX)	<table border="1"> <thead> <tr> <th>WV</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35~100</th> <th>160~450</th> </tr> </thead> <tbody> <tr> <td>Z(120HZ)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z(-25°C) / Z(20°C)</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>4</td> </tr> <tr> <td>Z(-40°C) / Z(20°C)</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>—</td> </tr> </tbody> </table>		WV	6.3	10	16	25	35~100	160~450	Z(120HZ)							Z(-25°C) / Z(20°C)	4	3	2	2	2	4	Z(-40°C) / Z(20°C)	8	6	4	4	3	—
	WV	6.3	10	16	25	35~100	160~450																							
	Z(120HZ)																													
Z(-25°C) / Z(20°C)	4	3	2	2	2	4																								
Z(-40°C) / Z(20°C)	8	6	4	4	3	—																								
Endurance	After applying rated voltage for 2000hrs at 105°C, Stay back to 20 °C temperature measurement, the capacitors shall meet the following requirements.																													
	Case (Φ)	4~6.3 Φ																												
	Capacitance Change	Within ±25% of the initial value																												
	Dissipation Factor	Not more than 200% of the specified value																												
Shelf Life	After placed at 105°C without voltage applied for 1000 hours, Stay back to 20 °C temperature measurement, the capacitor shall meet the same requirement as Endurance.																													
	Leakage Current	Not more than the specified value																												

#### MARKING



#### Dimensions [mm]



Dimensions	ΦD	L	A	H	W	P	K
B01	4.0	5.4	4.3	5.5 Max	0.65±0.1	1.0	0.35+0.15/-0.2
C01	5.0	5.4	5.3	6.5 Max	0.65±0.1	1.5	0.35+0.15/-0.2
E01	6.3	5.4	6.6	7.8 Max	0.65±0.1	1.8	0.35+0.15/-0.2
E04	6.3	7.7	6.6	7.8 Max	0.65±0.1	1.8	0.35+0.15/-0.2
G02	8.0	6.2	8.3	9.5 Max	0.65±0.1	2.2	0.35+0.15/-0.2
G03	8.0	10.2	8.3	10.0 Max	0.90±0.2	3.1	0.70±0.20
H03	10.0	10.2	10.3	12.0 Max	0.90±0.2	4.6	0.70±0.20
K05	12.5	13.5	10.3	15.0 Max	1.20±0.2	4.4	0.70±0.30
K06	12.5	16	10.3	15.0 Max	1.20±0.2	4.4	0.70±0.30
M06	16.0	16.5	10.3	19.0 Max	1.20±0.2	6.4	0.70±0.30

#### Multiplier for Ripple Current

Frequency (Hz)	60	120	1K	10K
Coefficient	0.85	1.00	1.15	1.25

■ **STANDARD RATINGS**

Rated Voltage (Surge Voltage) (V)	Cap (μF)	Case size Φ D x L (mm)	tan δ	Ripple current (mA/rms 105°C) (120Hz)	Rated Voltage (Surge Voltage) (V)	Cap (μF)	Case size Φ D x L (mm)	tan δ	Ripple current (mA/rms 105°C) (120Hz)
6.3(8)	22	4x5.4	0.30	26	25(32)	47	6.3x7.7	0.16	91
	33	4x5.4	0.30	29		100	6.3x7.7	0.16	100
	47	4x5.4	0.30	31			8x6.2	0.16	100
		5x5.4	0.30	46			8x10.2	0.16	230
	100	5x5.4	0.30	47		220	8x10.2	0.16	270
		6.3x5.4	0.30	71			10x10.2	0.16	310
	220	6.3x5.4	0.35	80			330	8x10.2	0.16
		6.3x7.7	0.35	120		10x10.2		0.16	340
	330	6.3x7.7	0.35	140		470	10x10.2	0.16	380
		8x6.2	0.35	140		1000	12.5x13.5	0.26	510
		8x10.2	0.35	290		1500	12.5x16	0.26	590
	470	8x10.2	0.35	290		2200	16x16.5	0.26	900
		10x10.2	0.35	380			4.7	4x5.4	0.12
		1000	8x10.2	0.35		290	6.8	4x5.4	0.12
10x10.2	0.35		410	10	5x5.4	0.12	30		
1500	10x10.2	0.35	460	22	5x5.4	0.14	35		
	2200	12.5x13.5	0.35		680	6.3x5.4	0.14	60	
10(13)	10	4x5.4	0.22	20	35(44)	33	6.3x7.7	0.14	80
	22	4x5.4	0.22	23		47	8x6.2	0.14	80
	33	4x5.4	0.22	26			6.3x5.4	0.14	60
		5x5.4	0.22	45		100	6.3x7.7	0.14	100
	47	5x5.4	0.22	60			8x10.2	0.14	210
		6.3x5.4	0.22	70			220	6.3x7.7	0.14
	100	5x5.4	0.30	60		8x10.2		0.14	240
		6.3x5.4	0.30	71		10x10.2		0.14	310
		6.3x7.7	0.30	110		12.5x13.5		0.14	390
	220	6.3x7.7	0.30	120		330	8x10.2	0.14	260
		8x6.2	0.30	120			10x10.2	0.14	350
		8x10.2	0.26	260		470	12.5x13.5	0.22	520
	330	6.3x7.7	0.30	200		680	12.5x13.5	0.22	590
		8x10.2	0.30	290		1000	16x16.5	0.22	800
	470	8x10.2	0.30	320		1500	16x16.5	0.22	1000
		10x10.2	0.26	380			1	4x5.4	0.12
	680	8x10.2	0.30	360		2.2	4x5.4	0.12	16
	1000	10x10.2	0.26	410		3.3	4x5.4	0.12	16
2200	12.5x13.5	0.30	680	4.7	5x5.4	0.12	23		
16(20)	10	4x5.4	0.16	28	50(63)	6.8	5x5.4	0.12	30
	22	4x5.4	0.16	29		10	5x5.4	0.12	35
		5x5.4	0.16	39			22	6.3x5.4	0.12
	33	5x5.4	0.16	40		6.3x7.7		0.12	65
		47	5x5.4	0.16		42	33	6.3x7.7	0.12
	6.3x5.4		0.16	70		8x6.2		0.12	110
	100	6.3x5.4	0.20	71		47		6.3x7.7	0.12
		6.3x7.7	0.20	130			8x6.2	0.12	110
		220	6.3x7.7	0.20		130	100	8x10.2	0.12
	8x6.2		0.20	130		8x10.2		0.12	240
	8x10.2		0.20	150		10x10.2		0.12	320
	10x10.2		0.20	210		150	10x10.2	0.12	300
	330	10x10.2	0.20	230		220	10x10.2	0.12	330
		8x10.2	0.20	240		330	12.5x13.5	0.16	490
470	10x10.2	0.20	380	470	12.5x16	0.18	550		
	12.5x13.5	0.34	550	1000	16x16.5	0.18	800		
2200	16x16.5	0.34	900	100(125)	10	6.3x7.7	0.18	50	
25(32)	3.3	4x5.4	0.14		18	22	8x10.2	0.18	100
	4.7	4x5.4	0.14		22		33	8x10.2	0.18
	6.8	4x5.4	0.14		25	10x10.2		0.18	150
		10	4x5.4		0.14	25		47	10x10.2
	5x5.4		0.14		28	12.5x13.5	0.18		250
	22	5x5.4	0.14		28	100	12.5x13.5	0.18	300
		6.3x5.4	0.14		55				
	33	6.3x5.4	0.14	65					
47	6.3x5.4	0.16	65						

**DV** General purpose Series

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$ (%)	Ripple current (mA/rms 105°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap ( $\mu$ F)	Case size $\Phi$ DxL(mm)	$\tan \delta$ (%)	Ripple current (mA/rms 105°C) (120Hz)
160(200)	33	12.5x13.5	0.20	95	250(300)	33	16x16.5	0.20	180
	47	16x16.5	0.20	240		47	16x16.5	0.20	220
	100	16x16.5	0.20	250	400 (450)	3.3	12.5x13.5	0.25	40
200(250)	10	12.5x13.5	0.20	80		4.7	12.5x13.5	0.25	45
	22	12.5x16	0.20	110		10	12.5x13.5	0.25	50
	33	12.5x16	0.20	120		22	16x16.5	0.25	85
	47	16x16.5	0.20	220		33	16x16.5	0.25	85
250(300)	3.3	12.5x13.5	0.20	60	450 (500)	3.3	12.5x13.5	0.25	40
	4.7	12.5x13.5	0.20	65		4.7	12.5x13.5	0.25	45
	10	12.5x13.5	0.20	70		10	12.5x16	0.25	75
	22	12.5x13.5	0.20	105		22	16x16.5	0.25	85

单击下面可查看定价，库存，交付和生命周期等信息

[>>Teapo \(智宝\)](#)