



BD High Temperature for +125°C

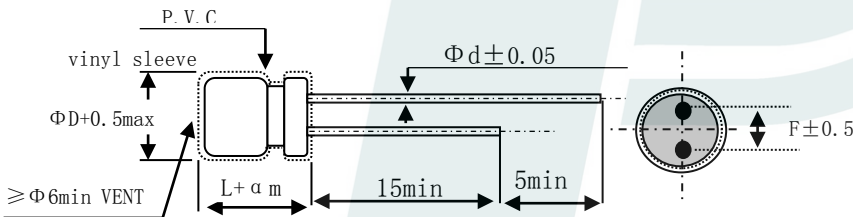
- ☆ Has characteristics of withstanding high temperature 125°C and reliability.
- ☆ Suitable for use in DC or pulse circuits in various electronic and industrial

Specifications

Operating temperature range	-40~+125°C					
Rated voltage range	10to50V DC					
Nominal capacitance	1 ~3900μF					
Capacitance tolerance	±20%(25°C, 120Hz)					
Leakage current	1≤0.03CRUR or 4(μA) 1分钟 (1minutes)					
tg δ Dissipation	U _R (V)	10	16	25	35	50
	tg δ	0.22	0.18	0.16	0.14	0.12
Temperature	U _R (V)	10	16	25	35	50
	Z-25°C / Z+20°C	3	2	2	2	2
	Z-40°C / Z+20°C	6	4	4	4	4
Load life	After appyinyng rated voltage with specified ripple current for 1000hours at +125°C and then resumed 16h Capacitance change: Within ±20% of the initial measured value Leakage current: Not more than the initial specified value Dissipation factor: Not more than 200% of the iniaial specified value					
Shelf life	After storage for 1000hours at +105°C then resumed 16hours; Capacitance change: With ±15% of the initial measured value Leakage current: Not more than 200% of the initial specified value Dissipation factor: Not more than 200% of the initial specified value					

Case size table

Unit:mm



ΦD	5	6	8	10	12	13	16	18
F	2.0	2.5	3.5	5.0		7.5		
Φd	0.5		0.6			0.8		
α	1.0		1.5			2.0		

Nominal capacitance, rated voltage, rated ripple current and case size table

C _R (μF)	code	U _R (V)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
		ltem	D×L (mm)	Ripple (mA)	D×L (mm)	Rippl e	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	
1	010											5×11	8
2.2	2R2											5×11	13
3.3	3R3											5×11	18
4.7	4R7											5×11	22
10	100											5×11	28
22	220								5×11	37		5×11	45
33	330							5×11	43	5×11	46	6.3×11	71
47	470				5×11	46		5×11	49	6.3×11	74	6.3×11	83
100	101		5×11	64	5×11	74		5×11	101	6.3×11	108	8×12	145
220	221		6.3×11	115	6.3×11	129		8×12	180	10×13	210		
330	331		6.3×11	137	8×12	201		8×12	218				
470	471		8×12	207	8×12	236		10×16	326				
1000	102							10×20	475				
2200	222							12.5×25	808				
3900	392							16×30	1156				