

### GENERAL TECHNICAL CHARACTERISTICS

- Dielectric : Polypropylene film
- Construction : Extended double side Metallized carrier film with internal series connection and Metallized film
- Case : Solvent resistant plastic case with resin sealing .  
FlaGe retardant execution (UL94V-0).
- Leads: Tinned copper lugs(焊片引出)



### ELECTRICAL CHARACTERISTICS

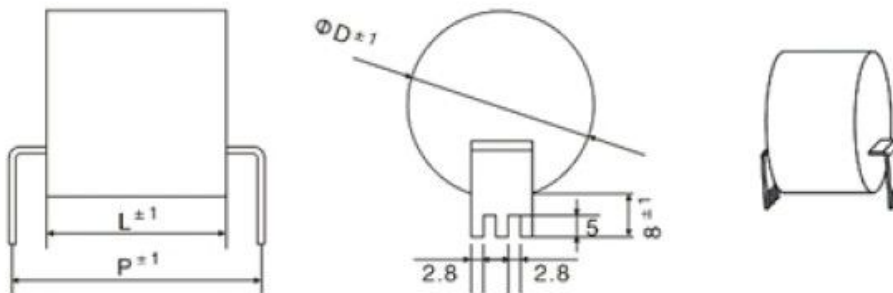
- Working temperature : - 40 to + 85 °C
- Capacitance : 15 to 50µF
- Rated Voltage : 500, 1100Vdc
- Tolerance : ± 5%, ± 10%
- Dissipation factor: Measured at 1000±20 Hz AND 25±5°C.  
When  $C_r \leq 1.0\mu F$ ,  $4 \times 10^{-4}$ ;  
When  $C_r > 1.0\mu F$ ,  $6 \times 10^{-4}$

Life expectancy: 100,000 hours at  $U_n$  and 70°C  
(Hotspot temperature)

### TEST METHODS AND PERFORMANCES

- Dielectric strength: 1.5 $U_r$  (DC) applied for 10s at 25±5°C  
(1 minute for type test)
- Insulation resistance : 3000s but need not exceed 30GΩ  
(typical value), after 1 minute of electrification at 100Vdc (25±5°C)

### Outline drawing



### Article table/参数表 Terminals : nut (焊片引出)

Part Number	Capacitance (µF)	Diameter (mm)	Length (mm)	Output	du/dt (v/µ0s)	Irms max. (A)	ESR (mΩ)
<b>Un Dc 800V</b>							
DVB-800-10	10	35	40	M6	75	30	1.5
DVB-800-20	20	45	40	M6	70	35	1.5

DVB-800-30	30	50	40	M6	65	40	1.5
DVB-800-35	35	53	40	M6	50	40	1.6
DVB-800-40	40	45	50	M6	45	35	1.6
DVB-800-50	50	52	50	M6	33	30	1.9
<b>Un Dc 1000V</b>							
DVB-1000-20	20	44	40	M6	165	25	2.0
DVB-1000-30	30	46	50	M6	45	25	2.4
DVB-1000-40	40	52	50	M6	45	31	1.9
<b>Un Dc 1100V</b>							
DVB-1100-15	15	51	40	M6	85	24	2.2
DVB-1100-25	25	53	50	M6	55	26	2.4
DVB-1100-40	40	67	50	M6	55	40	1.7

How to Order:

DVB - 1100 - 140 - 50 L

