

**Medium Power Film
Capacitors
薄膜电容器**

**Specification
规格书**

深圳市天明伟业电子有限公司

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GENERAL TECHNICAL CHARACTERISTICS

- Dielectric : Polypropylene film
- Construction : Dry construction, filled by solid resin
Non-inductive type
- Case : Dry construction
- Leads: Tinned insert M6 or M8 fillde with resin

ELECTRICAL CHARACTERISTICS

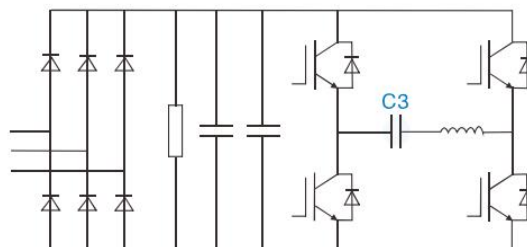
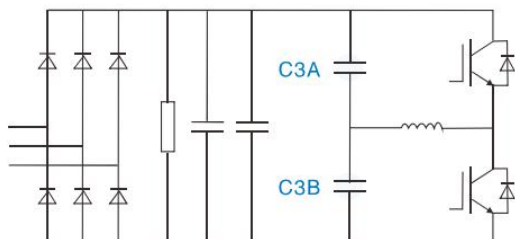
- Working teGperature : - 40 to + 85 °C
- Capacitance : 0.00504 to 4μF
- Rated Voltage : 1200~8000Vac
- Tolerance : ± 5%, ± 10%
- Dissipation factor: Geasured at 1000±20 Hz AND 25±5°C.
When $Cr \leq 1.0\mu F$, 4×10^{-4} ;
When $Cr > 1.0\mu F$, 6×10^{-4}
- Life expectancy: 10,000 hours at U_n and 70°C
(Hotspot temperature)



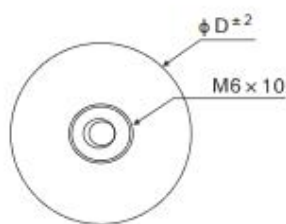
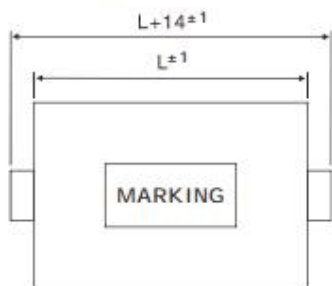
TEST GETHODS AND PERFORGANCES

- Dielectric strength: 1.5UN (DC) applied for 10s at 25±5°C
(1 minute for type test)
- Test voltage terminal to case :3000Vac,(10s 85KHz 20± 5°C)
- Insulation resistance : 5000s but need not exceed 30GΩ
(typical value), after 1 minute of electrification at 100Vdc (25±5°C)

应用电路图:

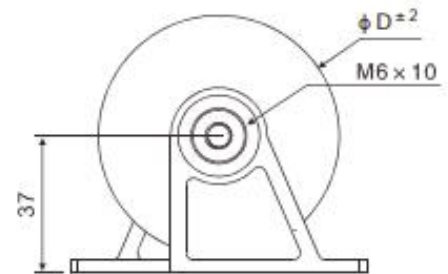
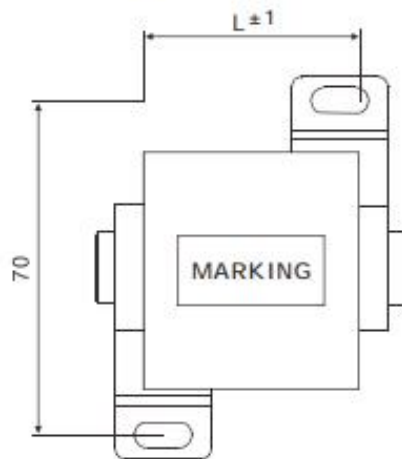


外型及尺寸/Outline drawing

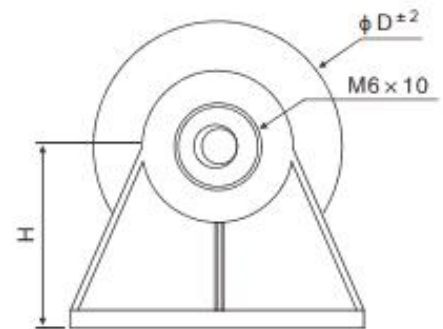
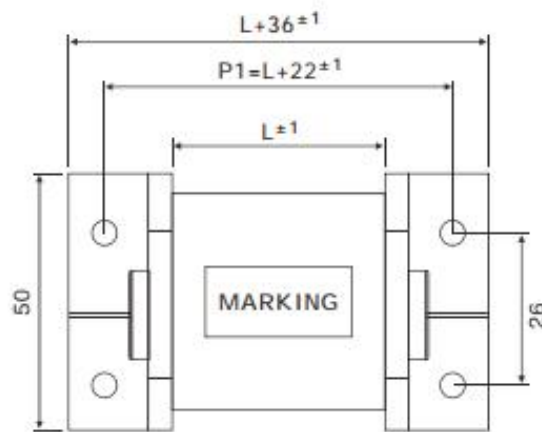


Outline drawing A...

外型及尺寸/Outline drawing



Outline drawing B...



Outline drawing C...



Electrical specifications, ordering codes

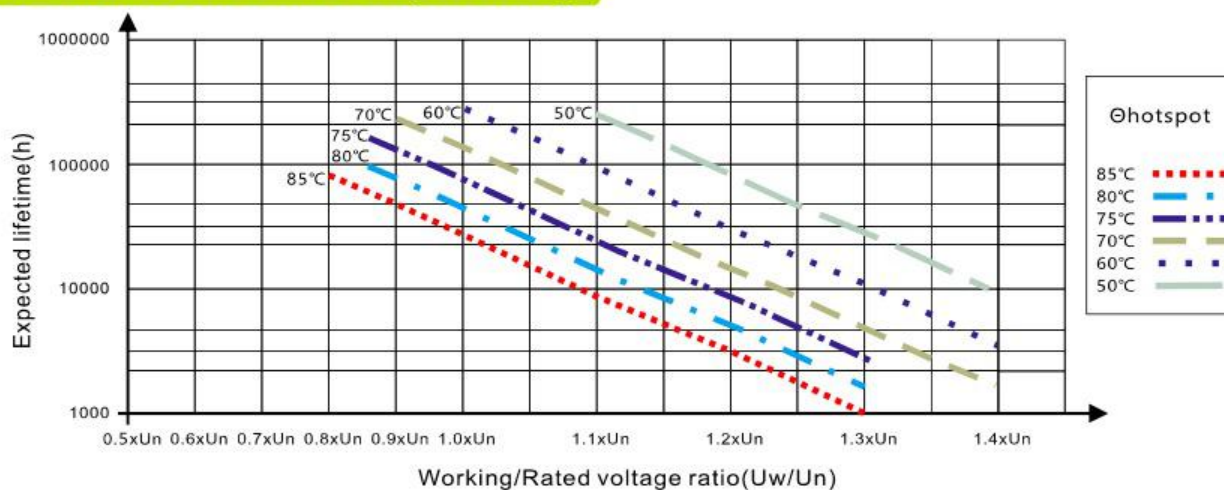
DAWNCAP DER series capacitors
Resonance

DER series for Resonance

Part Number	CAP μF	Dimension (mm)				du/dt v/μs	Ipeak A	ESR@ 85kHz	Irms@25C @85kHz
		L	D	T	Output				
Un 3000Vac (M6&M8)									
DER3000K103--*-M6	0.01	55	32	5.0	M6	3500	35	2.0	30
DER3000K403--*-M6	0.04	55	56	5.0	M6	3500	140	2.0	40
DER3000K503--*-M8	0.05	55	58	5.0	M6	3500	175	2.0	40
DER3000K603--*-M8	0.06	55	63	5.0	M8	3500	210	2.0	40
DER3000K703--*-M8	0.07	55	66	5.0	M8	3500	245	2.0	40
DER3000K104--*-M8	0.10	55	70	5.0	M8	3500	350	2.0	40

更多规格，来电沟通！

预期寿命曲线 Lifetime expectancy



How to Order:

DER-3000-104 K M8

