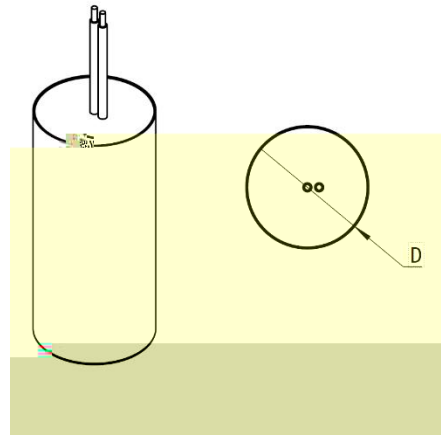


Outline Drawing



Applications

- ◆
- ◆
- ◆
- ◆ Low voltage reactive power compensation
- ◆ Pulse Power
- ◆ Pulse medical equipment



Features

- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆
- ◆ Slimline Low building height segmented metalized-film design
- ◆ Low ESR, high ripple current handling capabilities
- ◆ Low ESL
- ◆ Long Lifetime
- ◆ Self-healing property
- ◆ Filled with resin

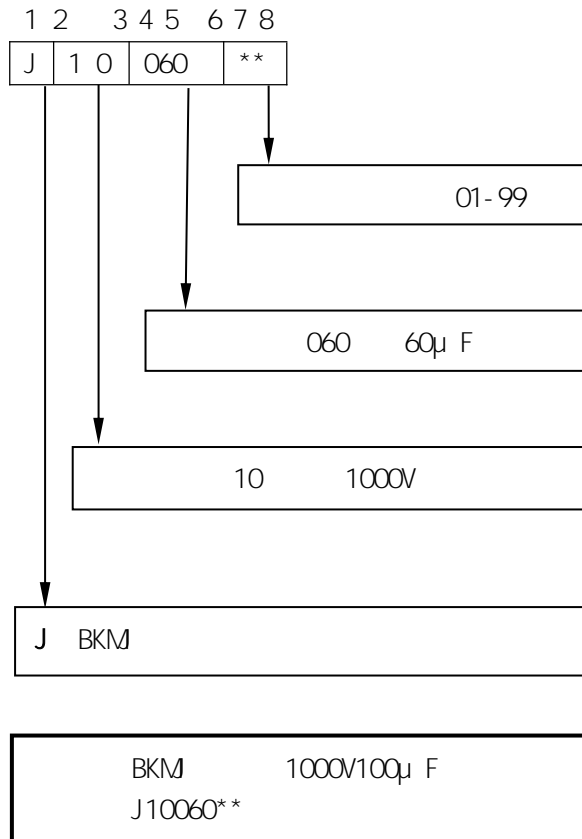


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The 8 digits part number is formed as follow

Model type code:

BKM



Specifications

Reference Standard	JB/T8168 / IEC60384-17			
Climatic Category	40/70/21			
Operating Temperature Range	-40 ~55 hs 75 hs =55			
U_N Rated Voltage	1KV	1.4KV	1.6KV	2KV
C_N Capacitance Range	50-200 μ F			
Capacitance Tolerance	$\pm 5\%$ J $\pm 10\%$ K			
Voltage Proof	1.2 U_N 10S 20 \pm 5			
Insulation Resistance $R \times C_N$	10,000S (@20 500Vdc 1min)			
L_s Self Inductance	nH per mm of Lead spacing			
f Frequency	50Hz~10KHz			
Maximum peak current	$=C_N \cdot dv/dt$			
Expected Lifetime	30,000 hours @ U_N hs			



Technical data

Un1000Vdc							
C_w	L	D	Outout	dV/dt	I rms	ESR	Part Number
μF	mm	mm	AVG	V/ μs	A	m	
25	72	45	16#	35	15	18	J10025**
70	93	45	16#	35	20	12	J10070**
100	56	95	4mm ²	35	25	10	J10100**

Un1200Vdc							
C_w	L	D	Outout	dV/dt	I rms	ESR	Part Number
μF	mm	mm	AVG	V/ μs	A	m	
30	72	45	16#	35	15	14	J12030**
70	70	65	16#	35	22	11	J12070**
100	95	65	4mm ²	35	25	9	J12100**

Un1400Vdc							
C_w	L	D	Outout	dV/dt	I rms	ESR	Part Number
μF	mm	mm	AVG	V/ μs	A	m	
60	95	65	16#	35	25	11.5	J14060**
100	135	65	4mm ²	35	35	9.5	J14100**
150	140	76	4mm ²	35	50	5.8	J14150**

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