TMCC02 High Voltage Ceramic Disc Capacitor

Distributeur : JBG-METAFIX

Specification

- **Capacitance:** Under 1KHz（CLASS Ⅱ） and 1MHz （CLASS Ⅰ） and 25℃±2℃, Vrms=1.0V conditions,not exceed capacitance tolerance.
- **Dissipation factor(D.F.):** Sl.YL Q>1000
  Y5P Y5U Y5V D.F.<2.5%
  Bn D.F.<0.5%
  2R D.F.<0.1%
- **Insulation resistance:** At DC500V voltage for 1 minute,CLASS Ⅰ I.R.≥10000MΩ.CLASS Ⅱ I.R.≥4000MΩ
- **Test voltage:** U_R<6KV,Ut=1.5U_R+500V U_R≥6KV,Ut=1.5×U_R

Capacitor range and diameter

U_R (DC)	TEMP.COF./(PE).							Damx	Tmax
	CLASS Ⅰ		CLASS Ⅱ						
	SL	YL (N3300)	COMMON D.F.			LOW D.F.			
			$2B_4$(Y5P)	$2E_4$(Z5U)	$2F_4$(Z5V)	Bn	$2R_4$(Y5R)		
1KV	10-100	100-220	100-470	1000	1500	-	-	6	4.0
	120-220	240-470	560-1000	2200	3300	100-470	100-560	8	
	240-470	500-750	1500-2200	5600	10000	560-820	680-1000	10	
	560	-	2700-3300	10000	-	1000-1800	1200-1500	12	
	-	820-1000	4700-6800	-	22000	2200-2700	1800	14	
	-	-	10000	22000	-	3300-4700	-	16	
2KV	10-68	56-120	100-560	1000-1500	1500-2200	100-330	100-330	8	5.0
	82-150	150-220	1000-1500	2200	3300-4700	360-680	470-560	10	
	180-270	270-390	2200-2700	3300	5600-8200	820-1000	680-1000	12	
	330-390	470-560	3300-3900	4700-6800	10000	1200-1800	1200-1500	14	
	470-560	680-1000	4700	10000	-	2200-3300	1800	16	
	-	-	-	-	22000	3900-4700	-	18	

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Capacitor range and diameter

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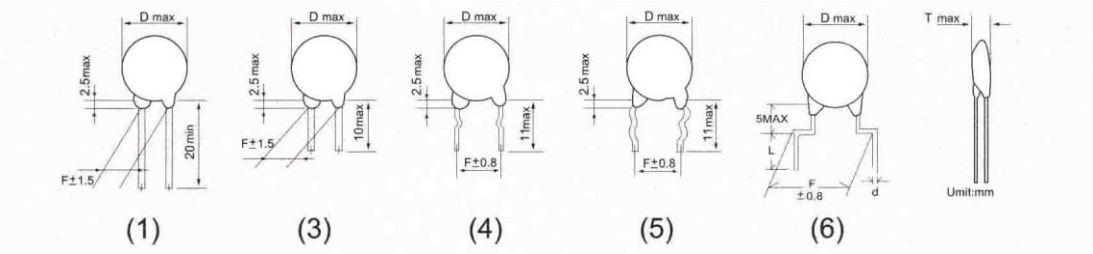
	CLASS Ⅰ		CLASS Ⅱ						
			COMMON D.F.			LOW D.F.			
	SL	YL (N3300)	$2B_4$(Y5P)	$2E_4$(Z5U)	$2F_4$(Z5V)	Bn	$2R_4$(Y5R)		
3KV	-	-	100-220	100-390	680-1000	-	-	8	6.0
	-	-	270-470	470-560	2200-3300	100-270	330-470	10	
	-	-	560-820	680-1000	4700-5600	330-680	560-680	12	
	-	-	1000-1500	1500-2200	8200	820-1500	820-1000	14	
	-	-	1800-2200	3300-3900	10000	1800-2200	1500	16	
	-	-	2700-3300	4700	-	-	-	18	
6.3KV	-	-	100-470	220-680	1000	-	-	10	7.0
	-	-	680-820	1000	1500	-	-	12	
	-	-	1000	1500	1800	-	-	14	
	-	-	1500	1800	2200	-	-	16	
	-	-	1800	2200	3300	-	-	18	
10KV	-	-	150-220	330	470	-	-	10	7.5
	-	-	330	470-680	1000	-	-	14	
	-	-	-	1000	-	-	-	16	
	-	-	1000	-	2200	-	-	18	
15KV	-	-	100-150	330	470	-	-	10	8.0
	-	-	220-330	470	680	-	-	12	
	-	-	470	680	-	-	-	14	
	-	-	680	-	1000	-	-	18	



DC(V)	
L	500
N	1000
R	2000
S	3000
U	10KV
V	15KV

(ex)

Dia	Code
6.0	6
7.4	8

YL=N330
2B=Y5P
2E=Y5U Z5U
2F=Y5V Z5V

CODE	SHAPE
1	长直线型
3	短直线型
4	单 内 弯
5	双 弯
6	青蛙脚型

CODE	SPACE
B	5.0
C	6.35
D	9.5
E	7.6
F	12.5

CAP	CODE
560PF	561
1000PF	102
10000PF	103

TOL	CODE
±10%	K
±20%	M
+50% -20%	S
+80% -20%	Z

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- **Test voltage:** U_R<6KV,Ut=1.5U_R+500V U_R≥6KV,Ut=1.5×U_R

Capacitor range and diameter

U_R (DC)	TEMP.COF./(PE).							Damx	Tmax
	CLASS Ⅰ		CLASS Ⅱ						
	SL	YL (N3300)	COMMON D.F.			LOW D.F.			
			$2B_4$(Y5P)	$2E_4$(Z5U)	$2F_4$(Z5V)	Bn	$2R_4$(Y5R)		
1KV	10-100	100-220	100-470	1000	1500	-	-	6	4.0
	120-220	240-470	560-1000	2200	3300	100-470	100-560	8	
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Capacitor range and diameter

U_R (DC)	TEMP.COF./(PE).							Damx	Tmax
	CLASS Ⅰ		CLASS Ⅱ						
			COMMON D.F.			LOW D.F.			
	SL	YL (N3300)	2B4(Y5P)	2E4(Z5U)	2F4(Z5V)	Bn	2R4(Y5R)		
3KV	-	-	100-220	100-390	680-1000	-	-	8	6.0
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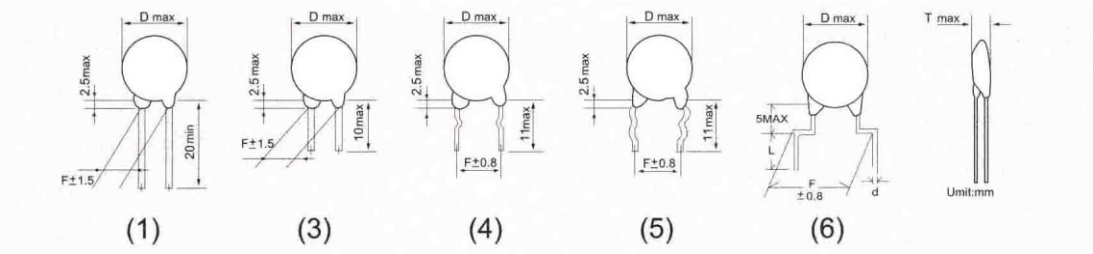
	-	-	330	470-680	1000	-	-	14	
	-	-	-	1000	-	-	-	16	
	-	-	1000	-	2200	-	-	18	
15KV	-	-	100-150	330	470	-	-	10	8.0
	-	-	220-330	470	680	-	-	12	
	-	-	470	680	-	-	-	14	
	-	-	680	-	1000	-	-	18	



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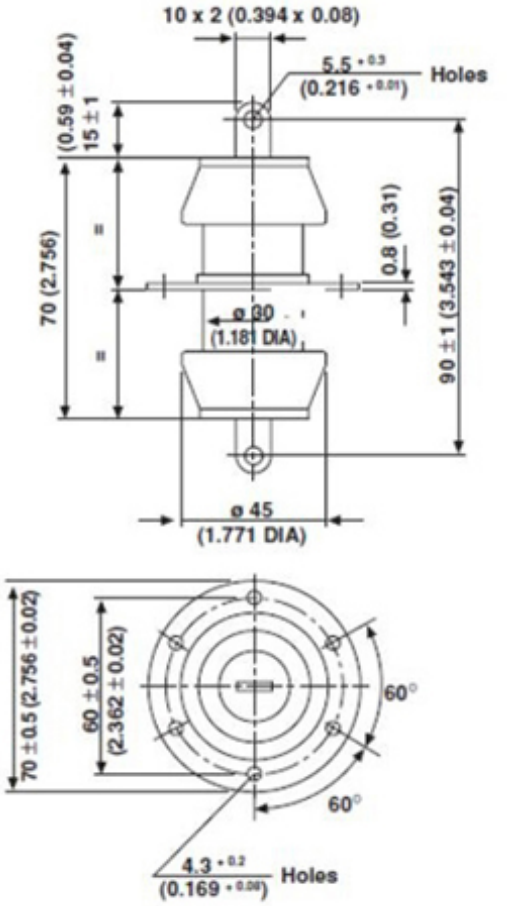
深 圳 市 亿 普 电 子 有 限 公 司
SHENZHEN TOPMAY ELECTRONIC CO., LTD.

Distributeur : JBG-METAFIX

Feedthrough High Voltage Ceramic Capacitor



CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV_P]	RATED POWER [KVA_d]	RATED CURRENT [A_{RMS}]
R 85	500	8	16	10
	600			
	800			

High power ceramic capacitor technical parameters:

1.Typical dissipation factor: ≤3；

2.Volume resistivity: ≥10000MΩ；

3. Permissible variation of rated capacitance: K（+/-10%）；

4.Temperature range: -60/+85/04；

5. Rated temperature: +85℃；

6.Test voltage: 1.5 times of rated voltage if the rated voltage>15KV.