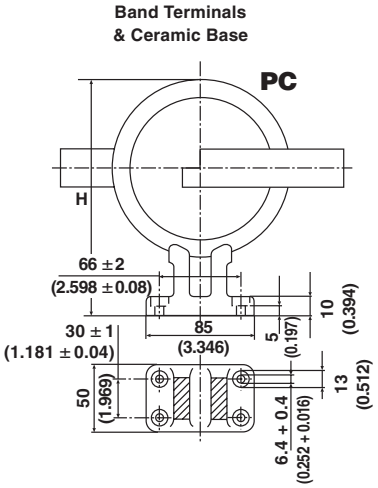
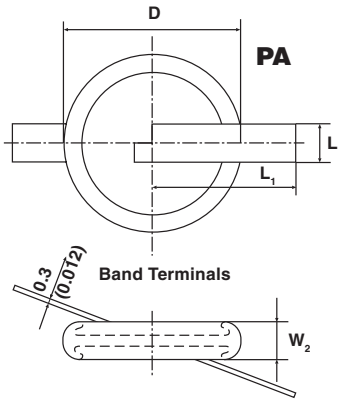
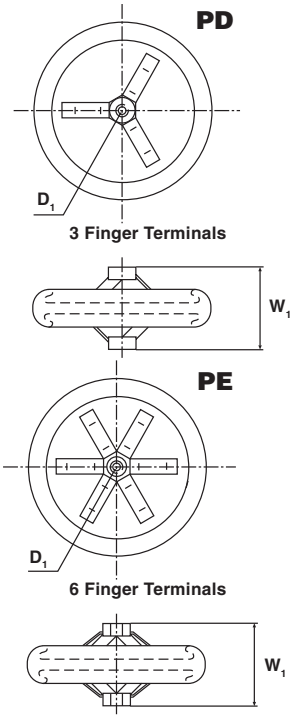
Plate Capacitors with Contoured Rim - Class 1 Ceramic

P. 70 **11 KV_p to 14 KV_p**
P. 100 **11 KV_p to 15 KV_p**
P. 140 **12 KV_p to 15 KV_p**
P. 200 **12 KV_p to 15 KV_p**







Model PE 70 is not available

• Dimensions in millimeters (inches)

MODEL	PA 70 PC 70 PD 70	PA 100 PC 100 PD 100 PE 100	PA 140 PC 140 PD 140 PE 140	PA 200 PC 200 PD 200 PE 200
D	70 (2.756)	100 (3.518)	140 (5.512)	200 (7.874)
D_1	M6 thread	M8 thread	M8 thread	M10 thread
W_1	35 ± 1 (1.378 ± 0.039)	40 ± 1 (1.575 ± 0.039)	40 ± 1 (1.575 ± 0.039)	45 ± 1 (1.772 ± 0.039)
W_2	30 max. (1.181 max.)	30 max. (1.181 max.)	30 max. (1.181 max.)	32 max. (1.260 max.)
L_1	100 (3.937)	140 (5.512)	140 (5.512)	200 (7.874)
L_2	15 (0.591)	30 (1.181)	30 (1.181)	30 (1.181)
H	116 (4.567)	146 (5.748)	186 (7.323)	246 (9.685)

MATERIAL:

Capacitor elements made from Class 1 ceramic dielectric with noble metal electrodes.
Connection terminals: Copper (PA, PC model), Copper/ brass, silver plated (PD, PE model).

FINISH:

Noble metal electrodes completely lacquered. Contoured rim glazed.

MARKING:

Type designator, Capacitance value and tolerance, Rated voltage (peak value), Production date code, Ceramic material code, DRALORIC Logo.

ORDERING INFORMATION

PE 100	13 KVp	1000 pF	± 20 %	R 85
MODEL	RATED VOLTAGE	CAPACITANCE VALUE	TOLERANCE	CERAMIC

P. 70

CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV_P]	RATED POWER* [KVA_r]	RATED CURRENT [A_{RMS}]	
				PD	PA PC
R 7	25	14	15	16	10
	30				
R 16	40	14	20		
	50				
	60				
	80	12			
R 42	100	14	20	16	10
	120	13			
	160				
R 85	200	14	20	16	10
	250				
	300				
	400	13			
	500				
	600	12			
	800	11			

P. 100

CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV_P]	RATED POWER* [KVA_r]	RATED CURRENT [A_{RMS}]		
				PE	PD	PA PC
R 7	50	15	30	35	25	15
	60					
R 16	80	15	40			
	100					
	120					
	160	13				
R 42	200	15	40	35	25	15
	250	14				
	300	13				
R 85	400	14	40	35	25	15
	500					
	600					
	800					
	1000	13				
	1200					
	1600	11				

P. 140

CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV_P]	RATED POWER* [KVA_r]	RATED CURRENT [A_{RMS}]		
				PE	PD	PA PC
R 7	100	15	67.5	45	30	20
	120					
R 16	160	15	90			
	200					
	250					
	300	14				
R 42	400	15	90	45	30	20
	500	14				
	600	13				
	800					
R 85	1000	14	90	45	30	20
	1200					
	1600					
	2000	13				
	2500					
	3000	12				
R 230	3000	16	90	45	**	**

P. 200

CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV_P]	RATED POWER* [KVA_r]	RATED CURRENT [A_{RMS}]		
				PE	PD	PA PC
R 7	160	15	112	60	40	25
	200					
	250					
	300	14				
	400	12				
R 16	500	15	150			
	600					
R 42	800	15	150	60	40	25
	1000	14				
	1200					
	1600					
R 85	2000	14	150	60	40	25
	2500					
	3000					
	4000	13				
	5000					
	6000	12				

* The surface temperature of 100°C must not be exceeded

** only PE model available

CAPACITANCE TOLERANCES: ± 20 %, ± 10 %, ± 5 %

Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, “Vishay”), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay’s terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.