

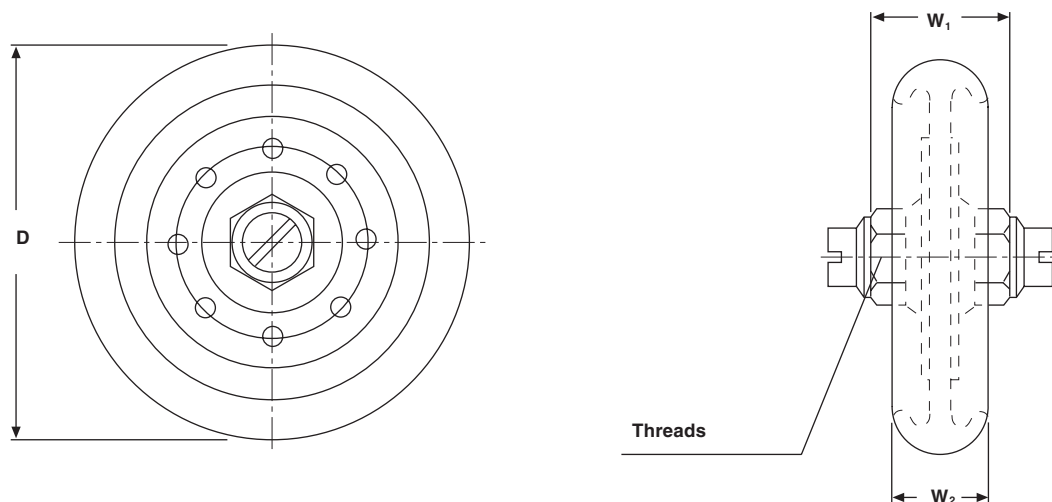
Plate Capacitors with Contoured Rim - Class 2 Ceramic

PS 20 3.5 KV_P

PS 30 3.5 KV_P

PS 30 3.5 KV_P

PS 55 2 KV_P to 4 KV_P



• Dimensions in millimeters (inches)

MODEL	PS 20	PS 30	PS 40	PS 55
D	25 max. (0.984 max.)	35 max. (1.378 max.)	45 max. (1.772 max.)	57 max. (2.244 max.)
W ₁	26 max. (1.024 max.)	25 max. (0.984 max.)	23 max. (0.906 max.)	22 max. (0.866 max.)
W ₂	17 max. (0.669 max.)	17 max. (0.669 max.)	15.5 max. (0.610 max.)	14.5 max. (0.571 max.)
Threads	M 5		M 6	

MATERIAL:

Capacitor elements made from Class 2 ceramic dielectric with noble metal electrodes.

Connection Terminals: Copper/brass, silver plated.

FINISH:

Noble metal electrodes and contoured rim completely lacquered.

MARKING:

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

ACCESSORIES ADDED:

Screws and washers

ORDERING INFORMATION

PS 30	3.5 KV _P	3300 pF	- 20 + 40 %	R 3500
MODEL	RATED VOLTAGE	CAPACITANCE VALUE	TOLERANCE	CERAMIC



PS 20, 30, 40, 55 - Class 2

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Vishay Draloric

PS 20				
CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV _P]	RATED POWER* [KVA _r]	RATED CURRENT [A _{RMS}]
R 3500	1000	3.5	0.25	max. 5
	1500			

PS 30				
CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV _P]	RATED POWER* [KVA _r]	RATED CURRENT [A _{RMS}]
R 3500	2200	3.5	0.5	max. 10
	3300			

PS 40				
CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV _P]	RATED POWER* [KVA _r]	RATED CURRENT [A _{RMS}]
R 3500	4700	3.5	1.0	max. 15
	5600			
	6800			

PS 55				
CERAMIC	CAPACITANCE VALUE [pF]	RATED VOLTAGE [KV _P]	RATED POWER* [KVA _r]	RATED CURRENT [A _{RMS}]
R 3500	10 000	4.0	1.0	max. 18
	15 000	3.5		
	22 000			
	27 000	2.0		

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

CAPACITANCE TOLERANCES: - 20 + 40 %

APPLICATION:

PS 20 to PS 55 plate capacitors made from Class 2 ceramic dielectric can be used as coupling and bypass capacitors where low power ratings are required and larger capacitance changes with temperature can be tolerated.



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