

RDLL 04.., RDLT 04..



Vishay Draloric

Ceramic Singlelayer Tubular Capacitors 700V_{DC}

DESIGN:

Tubular capacitor completely lacquered (RDLL)
Tubular capacitor with brown phenol resin coating, impregnated (RDLT)

RATED VOLTAGE U_R:

700V_{DC} (500V_{RMS})

DIELECTRIC STRENGTH BETWEEN LEADS:

1550V_{DC} 1s

DISSIPATION FACTOR tan δ:

Ceramic Class 1: see General Information
Ceramic Class 2: $\leq 25 \cdot 10^{-3}$

INSULATION RESISTANCE R_{IS}:

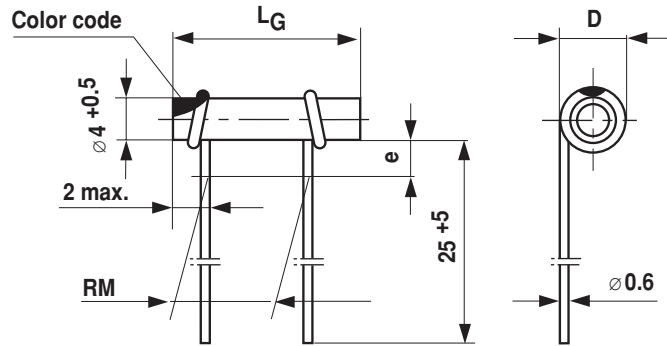
Ceramic Class 1: $\geq 1 \cdot 10^{10} \Omega$
Ceramic Class 2: $\geq 5 \cdot 10^9 \Omega$

CATEGORY TEMPERATURE RANGE ϑ_A :

Ceramic Class 1: (- 55 to + 125)°C
Ceramic Class 2: (- 25 to + 85)°C

CLIMATIC CATEGORY ACC. TO EN 60068-1:

RDLL 40 / 085 / 21
RDLT 55 / 085 / 56



• Dimensions in mm

	RDLL	RDLT
Coating extension e	2 max.	3 max.
Overall length L _G	L ⁺¹ max.	L ⁺² max.
Overall diameter D	6.0 max.	8.0 max.

MARKING:

Capacitance value, Tolerance letter,
Rated Voltage
Ceramic dielectric color code

CLASS	CERAMIC DIELECTRIC	CAPACITANCE VALUES (pF) AT NOMINAL TUBE LENGTH L (mm)				
		16 (0416)	20 (0420)	25 (0425)	30 (0430)	40 (0440)
1 B	P 100	11 to 24	to 36	to 51	to 68	to 100
	NP 0	12 to 47	to 88	to 100	to 150	to 180
	N 150	20 to 75	to 110	to 150	to 200	to 270
	N 750	51 to 150	to 240	to 330	to 430	to 620
2	R 700	430 to 750	to 1200	to 1600	to 2000	---
	R 2000	1500 to 3000	to 4300	to 6200	to 7500	---
	R 4000	2200 to 4700	to 8200	to 10000	to 15000	---
Lead spacing RM (mm)		10 ± 0.7	15 ± 0.7	17.5 ± 0.7	20 ± 0.7	30 ± 0.7

CERAMIC DIELECTRIC	NOMINAL VALUE	CAPACITANCE TOLERANCE				
P 100 to N 750	< 10pF		± 2.5%	± 5%	± 10%	± 20%
	≥ 10 to 24pF		± 2.5%	± 5%	± 10%	± 20%
	> 24pF	± 1%	± 2.5%	± 5%	± 10%	± 20%
R 700 to R 2000		± 10%	± 20%	- 20 + 50%		
R 4000			± 20%	- 20 + 50%	- 20 + 80%	

ORDERING INFORMATION

RDLL 0440	700V _{DC}	560pF	± 20%	N 750
-----------	--------------------	-------	-------	-------



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.