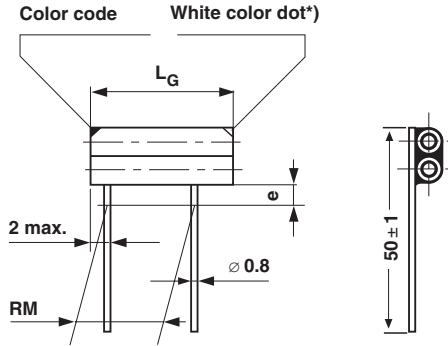
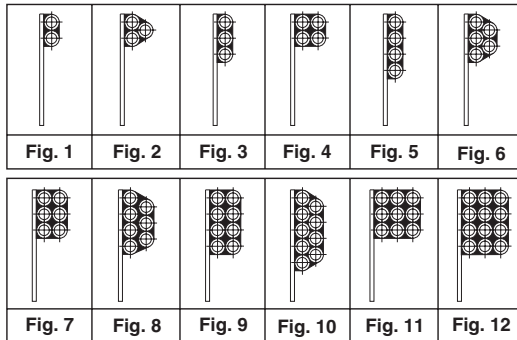


## Ceramic Singlelayer Tubular Capacitor Sets



- Dimensions in mm
- \* additional white color dot at the outer electrode terminals indicates narrow ac-tolerance


**DESIGN:**

Tubular capacitor set completely lacquered (MDLL)  
 Tubular capacitor set with brown phenol resin coating, impregnated (MDLT)

**RATED VOLTAGE  $U_R$ :**

MDL. 02. / MDL. 03. : 400 V<sub>DC</sub> (280 V<sub>RMS</sub>)  
 MDL. 04. : 700 V<sub>DC</sub> (500 V<sub>RMS</sub>)

**DIELECTRIC STRENGTH BETWEEN LEADS:**

MDL. 02. / MDL. 03. : 1250 V<sub>DC</sub> 1 s  
 MDL. 04. : 1550 V<sub>DC</sub> 1 s

**DISSIPATION FACTOR  $\tan \delta$ :**

See General Information

**INSULATION RESISTANCE  $R_{IS}$ :**

$\geq 1 \cdot 10^{10} \Omega$

**CATEGORY TEMPERATURE RANGE  $\vartheta_A$ :**

(- 55 to + 125) °C

**CLIMATIC CATEGORY ACC. TO EN 60068-1:**

MDLL40 / 085 / 21  
 MDLT 55 / 085 / 56

**MARKING:**

Capacitance value, Tolerance letter,  
 Rated Voltage (MDL 04. only)  
 Ceramic dielectric color code

CERAMIC DIELECTRIC	CAPACITANCE VALUES (pF) AT NOMINAL TUBE DIAMETER AND LENGTH L (mm)								
	Ø 2 mm	10	12	14	16	20			
	Ø 3 mm	10	12	14	16	20	25	30	
Ø 4 mm					16	20	25	30	40
P 100	Values of capacitance result from the individual tubes on the previous pages Capacitor sets are available with the following ac-tolerances MDL. 02.. - Class 1B MDL. 03.. - Class 1B and Class 1A MDL. 04.. - Class 1B								
NP 0									
N 033									
N 075									
N 150									
N 220									
N 330									
N 470									
N 750									
Lead spacing RM (mm)	5 ± 0.7	7.5 ± 0.7	7.5 ± 0.7	10 ± 0.7	15 ± 0.7	17.5 ± 0.7	20 ± 0.7	30 ± 0.7	

Capacitance Tolerances: ± 1 %, ± 2 %, ± 5 %, ± 10 %, ± 20 %

**ORDERING INFORMATION**

MDLT 0330	400 V <sub>DC</sub>	Fig. 4	1600 pF	± 20 %	N 750 / 1A
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