Ceramic Singlelayer Feed-Through Capacitors 400V_{DC}

DESIGN:
Feed-through capacitor solderable, varnished

RATED VOLTAGE U_R:
400V_{DC} (280V_{RMS})

DIELECTRIC STRENGTH BETWEEN LEADS:
1250V_{DC} 1s

DISSIPATION FACTOR tan δ:
Ceramic Class 1: see General Information
Ceramic Class 2: ≤ 25 • 10^{-3}

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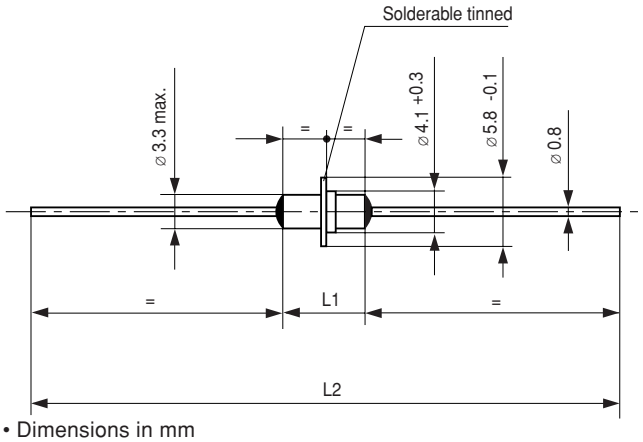
INSULATION RESISTANCE R_{IS}:
Ceramic Class 1: ≥ 1 • $10^{10}\Omega$
Ceramic Class 2: ≥ 5 • $10^{9}\Omega$

CATEGORY TEMPERATURE RANGE ϑ_A:
Ceramic Class 1: (- 55 to + 125)˚C
Ceramic Class 2: (- 25 to + 85)˚C

CLIMATIC CATEGORY EN 60068-1:
40 / 085 / 04

PERMISSIBLE REACTIVE POWER:
DDLK 0307: 4VAr (Class 2), 67VAr (Class 1)
DDLK 0312: 5.4VAr (Class 2), 90VAr (Class 1)
DDLK 0316: 7.1VAr (Class 2), 120VAr (Class 1)

DIRECT CURRENT I_{DC}:
10A



• Dimensions in mm

	L_1 (mm)	L_2 (mm)
DDLK 0307	7	39 +1
DDLK 0312	12	65 +1
DDLK 0316	16	65 +1

PERMISSIBLE POWER LOSS:
DDLK 0307: 135mW
DDLK 0312: 135mW
DDLK 0316: 150mW

MARKING:
none

CLASS	CERAMIC DIELECTRIC	CAPACITANCE VALUES (pF)		
		DDLK 0307	DDLK 0312	DDLK 0316
1 B	P 100	1.5 to 10	to 12	to 36
	NP 0	5 to 15		
	N 075	5 to 20		
	N 150	6.8 to 20	to 62	to 100
	N 470	12 to 30		
	N 750	20 to 62	to 130	to 200
1 F	N 1500	68 to 100	to 150	to 180
2	R 700	180 to 360	to 680	to 1500
	R 2000	390 to 910	to 1600	to 3900
	R 4000	680 to 1800	to 3600	to 6800

CERAMIC DIELECTRIC	NOMINAL VALUE	CAPACITANCE TOLERANCE		
P 100 to N 750	< 10pF	± 0.5pF	± 1pF	
	≥ 10pF		± 10%	± 20%
R 700 to R 2000			- 20 + 50%	
R 4000 to R 6000			- 20 + 50%	- 20 + 80%

ORDERING INFORMATION				
DDLK 0307	400V_{DC}	680pF	- 20 + 50%	R 2000

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