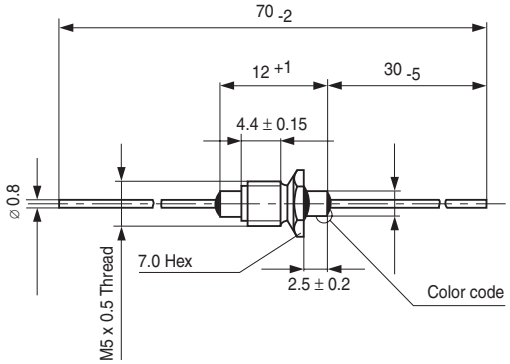
Ceramic Singlelayer Feed-Through Capacitors 400V_{DC}



• 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: 135 mW
DDLK 0312: 135 mW
DDLK 0316: 150 mW

MARKING:

none

DESIGN:

Feed-through capacitor solderable, varnished

RATED VOLTAGE U_R:

400 V_{DC} (280 V_{RMS})

DIEL ECTRIC STRENGTH BETWEEN LEADS:

1250V_{DC} 1 s

DISSIPATION FACTOR tan δ:

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

INSULATION RESISTANCE R_{IS}:

Ceramic Class 1:≥ 1 • 10^{10} Ω
Ceramic Class 2:≥ 5 • 10^9 Ω

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:

40 / 085 / 04

PERMISSIBLE REACTIVE POWER:

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

DIRECT CURRENT I_{DC}:

10 A

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

* This series is available in both the Class 1A and Class 1B (standard)
** Class 1A only available ≥ 15 pF

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

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

Disclaimer

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