

Capacitors



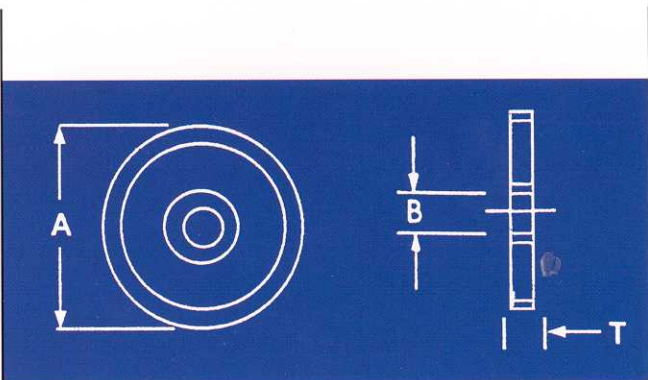
UTC DISCOIDAL SELECTION GUIDE

Application:

Discoidal feed thru capacitors of multilayer construction exhibits very low impedance to ground resulting in optimum EMI suppression. The alternate layered construction provides very low series resistance and series inductance, which allows for low impedance at high frequencies. Chassis or bulkhead mounted, either individually or in a cylindrical can (C, L, Pi, T filters) provides very good isolation of the input signal from the output of the capacitor or filter.

CUSTOM SIZES:

- Outside Diameter (OD) of 0.070 and larger are available
- All Inside Diameter (ID) are available.

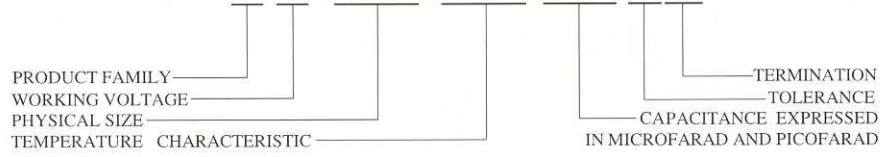


DIMENSIONS		0703	0904	1404	2105	2705	3505	3905	6006
A (OD)		.070+-.004	.095+-.005	.145+-.010	.210+-.010	.270+-.010	.345+-.010	.390+-.010	.600+-.015
B (ID)		.030+-.004	.038+-.004	.038+-.004	.050+-.005	.050+-.004	.050+-.004	.050+-.005	.060+-.005
T(MAX)		0.035	.060	.060	.080	.100	.100	.120	.150
TC	WVDC	MAXIMUM CAPACITANCE AVAILABLE							
NPO	50 v	680 pF	1200 pF	5,600 pF	.021 uF	.033 uF	.068 uF	.082 uF	.270 uF
	100 v	470 pF	680 pF	3,300 pF	.015 uF	.022 uF	.047 uF	.056 uF	.180 uF
	200 v	220 pF	470 pF	1,800 pF	8,200 pF	.015 uF	.033 uF	.039 uF	.120 uF
	500 v	100 pF	270 pF	560 pF	2,700 pF	5,600 pF	0.10 uF	.012 uF	.033 uF
	1000 v	56 pF	180 pF	330 pF	1,800 pF	3,300 pF	6,800 pF	8,200 pF	.022 uF
X7R	50 V	10,000 pF	33,000 pF	.120 uF	.39 uF	.82 uF	1.80 uF	2.0 uF	6.80 uF
	100 V	6,800 pF	18,000 pF	.068 uF	.15 uF	.47 uF	1.00 uF	1.2 uF	4.70 uF
	200 V	2,200 pF	6,800 pF	.033 uF	.10 uF	.33 uF	.68 uF	.82 uF	3.00 uF
	500 V	820 pF	3,300 pF	.010 uF	.033 uF	.18 uF	.22 uF	.33 uF	1.00 uF

Contact factory for other variations which include size, voltage, terminations, dielectric and any other custom configurations.

ORDERING TERMINOLOGY

D G 3505 X7R 105 V P



VOLTAGE		TEMPERATURE CHARACTERISTIC	TOLERANCE		TERMINATION	
G	50 V		X7R	J	+ - 5 %	P
B	100 V	K		+ - 10 %		
R	200 V	M		+ - 20 %		
S	500 V	Z		+80%-20%		
T	1000 V	P		+100%-0%		
		NPO	V	GMV		