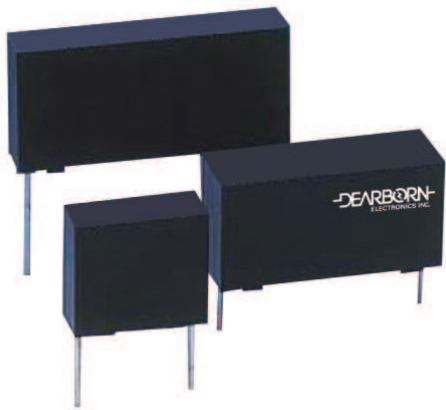


MICA HIGH VOLTAGE CAPACITORS



PHYSICAL CHARACTERISTICS

CONSTRUCTION:

Metal foils, non-inductive.

CASE:

- Dielectric: composite reconstituted mica
- Epoxy resin impregnated
- Epoxy resin molded
- Radial leads

MARKING:

Dearborn trademark, type or catalog number, capacitance, tolerance and voltage.

ELECTRICAL SPECIFICATIONS

OPERATING TEMPERATURE RANGE:

-55°C to +125°C

DISSIPATION FACTOR:

$\leq 0.7\%$ @ 1kHz for $C_R \leq 0.0015 \mu F$

$\leq 0.5\%$ @ 1kHz for $C_R > 0.0015 \mu F$

INSULATION RESISTANCE (IR):

$\geq 25,000 M\Omega$ at $< 500 VDC$

DIELECTRIC WITHSTANDING VOLTAGE (DWS):

1.4 x rated voltage

INSULATION BETWEEN LEADS & CASE:

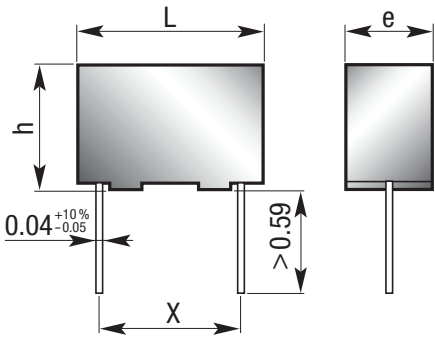
25,000 $M\Omega$

CAPACITANCE TOLERANCES AVAILABLE:

$\pm 20\%$ and $\pm 10\%$

DIMENSIONS (in inches)

Model	L Max.	E Max.	H Max.	X + / - 0.02
HT 96-1	0.807	0.256	0.768	0.701
HT 96-2	0.807	0.315	0.768	0.701
HT 96-3	1.28	0.256	0.847	1.1
HT 96-4	1.28	0.355	0.847	1.1
HT 96-5	1.791	0.256	0.925	1.6
HT 96-6	1.791	0.355	0.925	1.6



MICA HIGH VOLTAGE CAPACITORS

STANDARD RATINGS

Capacitance		3,000 VDC	4,000 VDC	5,000 VDC	7,500 VDC	10,000 VDC
μF	Code					
0.001	102	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1
0.0012	122	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1
0.0015	152	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1	-
0.0018	182	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1	-
0.0022	122	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1	-
0.0027	272	DHT 96-1	DHT 96-1	DHT 96-1	DHT 96-1	-
0.0039	392	DHT 96-1	DHT 96-1	DHT 96-1	-	-
0.0047	472	DHT 96-1	DHT 96-1	DHT 96-1	-	-
0.005	502	DHT 96-1	DHT 96-1	DHT 96-1	-	-
0.0056	5602	DHT 96-1	DHT 96-1	DHT 96-1		
0.0068	682	DHT 96-1	DHT 96-1	DHT 96-1	-	-
0.0082	822	DHT 96-1	DHT 96-1	DHT 96-1	-	-
0.01	103	DHT 96-1	DHT 96-1	DHT 96-1	-	-
0.012	123	DHT 96-1	DHT 96-1	-	-	-
0.015	153	DHT 96-1	DHT 96-1	-	-	-
0.018	183	DHT 96-1	-	-	-	-
0.02	203	DHT 96-1	-	-	-	-
0.022	223	DHT 96-1	-	-	-	-
0.001	102	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2
0.0012	122	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2
0.0015	152	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2
0.0018	182	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2
0.0022	122	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	-
0.0027	272	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	-
0.0033	332	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	-
0.0039	392	DHT 96-2	DHT 96-2	DHT 96-2	DHT 96-2	-
0.0047	472	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.005	502	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.0056	562	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.0068	682	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.0082	822	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.01	103	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.012	123	DHT 96-2	DHT 96-2	DHT 96-2	-	-
0.015	153	DHT 96-2	DHT 96-2	-	-	-
0.018	183	DHT 96-2	DHT 96-2	-	-	-
0.022	223	DHT 96-2	-	-	-	-
0.027	273	DHT 96-2	-	-	-	-
0.033	333	DHT 96-2	-	-	-	-

MICA HIGH VOLTAGE CAPACITORS

TYPE DHT 96

STANDARD RATINGS

Capacitance		3,000 VDC	4,000 VDC	5,000 VDC	7,500 VDC	10,000 VDC
μF	Code					
0.0015	153	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0018	183	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.002	203	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0022	223	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0027	273	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0033	333	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0039	393	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0047	273	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3
0.0056	563	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	-
0.0068	683	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	-
0.0082	823	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	-
0.01	104	DHT 96-3	DHT 96-3	DHT 96-3	DHT 96-3	-
0.012	124	DHT 96-3	DHT 96-3	DHT 96-3	-	-
0.015	154	DHT 96-3	DHT 96-3	DHT 96-3	-	-
0.018	184	DHT 96-3	DHT 96-3	DHT 96-3	-	-
0.02	204	DHT 96-3	DHT 96-3	DHT 96-3	-	-
0.022	224	DHT 96-3	DHT 96-3	DHT 96-3	-	-
0.027	274	DHT 96-3	DHT 96-3	-	-	-
0.033	334	DHT 96-3	DHT 96-3	-	-	-
0.039	394	DHT 96-3	-	-	-	-
0.047	474	DHT 96-3	-	-	-	-
0.05	504	DHT 96-3	-	-	-	-
0.056	564	DHT 96-3	-	-	-	-
0.0018	182	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.002	202	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0022	222	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0027	272	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0033	332	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0039	392	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0047	472	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.005	502	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0056	562	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0068	682	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4
0.0082	822	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	-
0.01	103	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	-
0.012	123	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	-
0.015	153	DHT 96-4	DHT 96-4	DHT 96-4	DHT 96-4	-
0.018	183	DHT 96-4	DHT 96-4	DHT 96-4	-	-
0.02	203	DHT 96-4	DHT 96-4	DHT 96-4	-	-
0.022	223	DHT 96-4	DHT 96-4	DHT 96-4	-	-
0.027	273	DHT 96-4	DHT 96-4	DHT 96-4	-	-
0.033	333	DHT 96-4	DHT 96-4	DHT 96-4	-	-
0.039	393	DHT 96-4	DHT 96-4	-	-	-
0.047	473	DHT 96-4	DHT 96-4	-	-	-
0.056	563	DHT 96-4	-	-	-	-
0.068	683	DHT 96-4	-	-	-	-
0.082	823	DHT 96-4	-	-	-	-

MICA HIGH VOLTAGE CAPACITORS

STANDARD RATINGS

Capacitance		3,000 VDC	4,000 VDC	5,000 VDC	7,500 VDC	10,000 VDC
μF	Code					
0.0018	182	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.002	202	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.0022	222	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.0027	272	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.0033	332	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.0039	392	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.0047	472	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.01	103	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.012	123	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.015	153	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5
0.018	183	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	
0.02	203	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	-
0.022	223	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	-
0.027	273	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	-
0.033	333	DHT 96-5	DHT 96-5	DHT 96-5	DHT 96-5	-
0.039	183	DHT 96-5	DHT 96-5	-	-	-
0.047	473	DHT 96-5	DHT 96-5	-	-	-
0.05	503	DHT 96-5	DHT 96-5			
0.056	563	DHT 96-5	DHT 96-5	-	-	-
0.068	683	DHT 96-5	-	-	-	-
0.082	823	DHT 96-5	-	-	-	-
0.0027	272	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.0033	332	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.0039	392	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.0047	472	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.005	502	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.0056	562	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.0068	682	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.0082	822	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.01	103	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.012	123	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6
0.015	153	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	-
0.018	183	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	-
0.02	203	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	-
0.022	223	DHT 96-6	DHT 96-6	DHT 96-6	DHT 96-6	-
0.027	273	DHT 96-6	DHT 96-6	DHT 96-6	-	-
0.033	333	DHT 96-6	DHT 96-6	DHT 96-6	-	-
0.039	393	DHT 96-6	DHT 96-6	DHT 96-6	-	-
0.05	503	DHT 96-6	DHT 96-6	DHT 96-6		
0.056	563	DHT 96-6	DHT 96-6	DHT 96-6	-	-
0.068	683	DHT 96-6	DHT 96-6	-	-	-
0.082	823	DHT 96-6	DHT 96-6	-	-	-
0.1	104	DHT 96-6	-	-	-	-
0.12	124	DHT 96-6	-	-	-	-