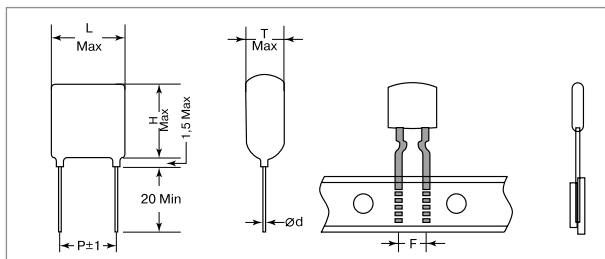


PEP (Film-Foil Polyester Capacitor)

Features

- Dielectric: Polyester film (polyethylene terephthalate)
- Plates: aluminium foil
- Winding: inductive type
- Leads: tinned wire (minimum lead content 5 %)



Electrical Characteristics

Rated voltage (Vr)	100 Vdc, 200 Vdc, 400 Vdc
Capacitance range	0.001□ to 0.22□
Capacitance tolerance	±5 % (J), ±10 % (K)
Tan δ	(measured at 1 □) ≤ 1.0 (at 25□ ± 5□)
Insulation Resistance	Test conditions Temperature: 20 ± 5 Voltage charge/time: 100 Vdc, 60 sec. Value ≤ 30,000 MΩ
Protection	Exterior coating is dip-molded by epoxy resin
Marking	Manufactures logo, series dielectric code, capacitance, tolerance, D.C. nominal voltage. (Vr)
Operating temperature	-40□ to +85□
Test voltage between terminations	2.5 x Vr applied for 2 sec. (at 25□ ± 5□)

Dimensions

(mm)

Capacitance (μf)	Code	50/100 VDC						200 VDC					400 VDC				
		L	H	T	DP	F1	d (∅)	L	H	T	P	d (∅)	L	H	T	P	d (∅)
0.001	102	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5
0.0012	122	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5
0.0015	152	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5
0.0018	182	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5
0.0022	222	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	4.0	0.5	7.0	12.0	4.0	5.0	0.5
0.0027	272	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	4.0	0.5	8.0	12.0	4.5	5.0	0.5
0.0033	332	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	4.0	0.5	8.0	12.0	4.5	5.0	0.5
0.0039	392	5.5	11.5	3.0	3.0	5.0	0.5	6.0	11.0	3.5	4.0	0.5	8.0	13.5	4.5	6.0	0.5
0.0047	472	6.0	11.5	3.0	3.5	5.0	0.5	6.5	11.0	4.0	4.0	0.5	8.5	13.5	5.0	6.0	0.5
0.0056	562	6.0	11.5	3.0	3.5	5.0	0.5	6.5	11.0	4.0	4.0	0.5	8.5	13.5	5.0	6.0	0.5
0.0068	682	6.0	11.5	3.0	3.5	5.0	0.5	7.0	11.0	4.5	4.0	0.5	9.0	13.5	5.0	6.0	0.5
0.0082	822	6.5	12.0	3.5	3.5	5.0	0.5	7.5	12.0	4.5	4.0	0.5	9.5	13.5	5.5	6.0	0.5
0.01	103	6.5	12.0	3.5	4.0	5.0	0.5	8.0	13.0	5.0	5.0	0.5	10.5	14.5	5.5	6.5	0.5
0.012	123	6.5	12.0	3.5	4.0	5.0	0.5	8.5	13.0	5.0	5.0	0.5	10.5	14.5	6.0	7.0	0.5
0.015	153	7.0	12.0	3.5	4.0	5.0	0.5	9.0	13.0	5.5	6.0	0.5	11.5	14.5	6.5	7.5	0.5
0.018	183	7.0	12.0	4.0	4.0	5.0	0.5	9.5	13.0	5.5	6.0	0.5	11.5	16.0	6.5	7.0	0.6
0.022	223	8.0	12.0	4.0	4.0	5.0	0.5	10.0	13.0	6.0	6.5	0.5	12.5	16.5	7.0	7.0	0.6
0.027	273	8.0	12.0	4.0	4.0	5.0	0.5	11.0	13.0	6.0	6.5	0.5	12.5	18.5	7.0	8.0	0.6
0.033	333	9.0	12.5	4.5	6.0	5.0	0.5	11.5	14.5	6.5	7.0	0.5	13.0	19.0	7.5	8.5	0.6
0.039	393	9.0	12.5	4.5	6.0	5.0	0.5	12.0	14.5	6.5	7.0	0.5	13.0	19.5	8.0	9.0	0.6
0.047	473	9.5	12.5	5.0	6.0	5.0	0.5	12.5	15.5	8.5	7.5	0.6	14.0	20.0	9.0	9.5	0.6
0.056	563	9.5	12.5	5.0	6.0	5.0	0.5	13.0	17.0	8.5	7.5	0.6	15.0	20.5	9.5	10.0	0.6
0.068	683	10.0	12.5	5.5	6.5	5.0	0.5	13.5	18.5	9.0	8.5	0.6	16.0	21.0	11.0	11.0	0.6
0.082	823	10.5	12.5	6.0	7.0	5.0	0.5	14.0	18.5	9.0	8.5	0.6	17.0	21.0	11.5	11.5	0.6
0.1	104	11.0	12.5	6.5	7.0	5.0	0.5	14.5	20.0	9.5	10.0	0.6	18.0	22.5	12.0	12.5	0.6
0.12	124	11.0	13.0	7.0	7.0	5.0	0.5	16.0	20.0	9.5	10.0	0.6					
0.15	154	12.5	13.5	7.5	8.5	5.0	0.5	18.0	21.0	10.5	11.0	0.6					
0.18	184	13.5	15.5	7.5	8.5	5.0	0.5	18.5	21.0	10.5	12.0	0.6					
0.22	224	14.0	16.0	7.5	8.5	5.0	0.5	19.0	22.5	11.5	12.5	0.6					