

FILM CAPACITORS

F-Dyne film capacitors are designed and manufactured to provide optimum electrical characteristics in the minimum volume consistent with reliable performance.

All F-Dyne capacitors are of the extended foil design which insures the least possible inductance. Aluminum foil capacitors are made with the leads directly welded to the extended foils. High series resistance or high dissipation factor are never a problem with this method of construction. The welded lead connection can not be effected in any way by subsequent soldering in fact, the lead may be burned off near the capacitor end without harm to the welded junction.

Where tin-lead composition foil is used with polystyrene or polypropylene and also in metallized film capacitors the lead wires are soldered directly to the ends of the capacitors.

Copper clad steel leads with a minimum conductivity at least 30% of the International annealed copper standard are used on all F-Dyne standard capacitors. The leads are solder or tin coated to provide excellent solderability under all conditions.

Epoxy end seals mechanically reinforce lead connections and provide an excellent moisture barrier.

Basic films used in F-Dyne capacitors are:

- Polyester (*Mylar)
- Polycarbonate
- Polystyrene
- Polypropylene
- Polysulfone
- Teflon**

These dielectric materials have specific characteristics shown in following chart on page 5.

The film dielectric used will of course determine the electrical characteristics of the completed capacitor. These characteristics are also described in the graphs and tables which follow.

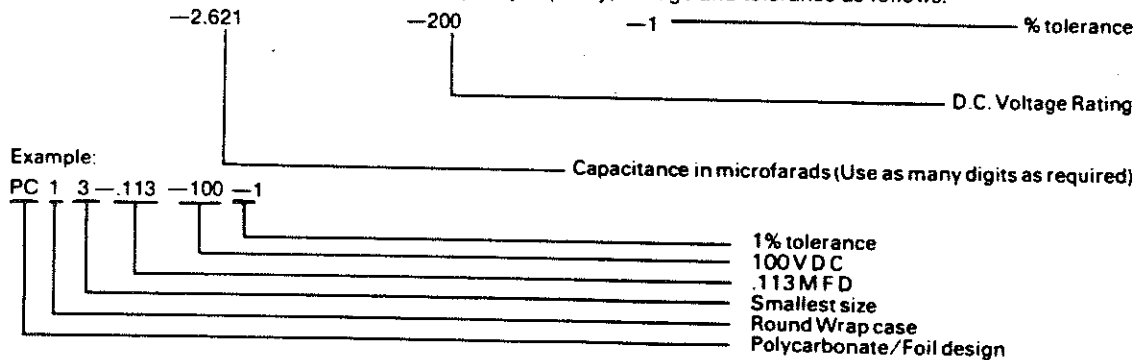
The range of variations in film capacitor characteristics is wide enough so that with proper selection almost every capacitor application in the modern electronics can be filled with F-Dyne capacitors.

Combination film/kraft and special impregnated dielectric systems are available for very special requirements.

F-DYNE PART NUMBERING SYSTEM FOR ORDERING INFORMATION OR SPECIFICATION REFERENCE

Prefix: Dielectric P.E.	Case Style 1	Size Class 1
PE — Polyester* (Mylar)	1 — Round wrap	1 — Std. size (lowest cost)
MPE — Metallized Polyester	2 — Flat wrap	2 — Miniature
PC — Polycarbonate	3 — Round phenolic	3 — Smallest size (Usually highest cost)
MPC — Metallized Polycarbonate	4 — Rectangular epoxy axial	
PP — Polypropylene	5 — Rectangular epoxy radial	
MPP — Metallized Polypropylene	6 — Round Metal	X — Special size per customers dwg or spec
PS — Polystyrene	7 — Rectangular Metal	
PF — Polysulfone	8 — Round steatite	
MPF — Metallized Polysulfone	D — Dip coated radial	
TF — Teflon**		
MTF — Metallized Teflon		

Following the above type classification we specify capacity, voltage and tolerance as follows:



Where customer requirements deviate from our standard catalogued part, a drawing number may be referenced or the deviation may be detailed such as:

PE 1X — .01 — 100 — 2
size .187 x .500 all max

or

PE 1X — .01 — 100 — 2
per our P/N 14866

To specify a clear type wrapper to protect the marking from solvents used in cleaning, a "C" may be added to the part number such as:
PE11C — .01 — 100 — 2

* Dupont's trade name for polyester film

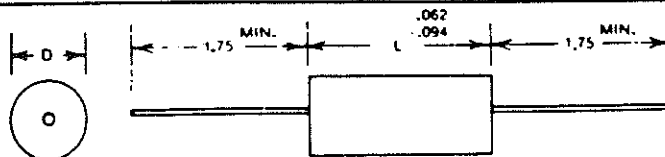
** Dupont's trade name for tetrafluoroethylene film

F-DYNE ELECTRONICS COMPANY

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POLYSTYRENE FOIL

Wrap & Fill • Axial Lead



ROUND	PS 12		PS 11								*1000 VDC			
	50 VDC		75 VDC		100 VDC		200 VDC		400 VDC				600 VDC	
CAPACITANCE	D	L	D	L	D	L	D	L	D	L	D	L		
33 PFD	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500	Sizes on Request	
39	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
47	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
56	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
68	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
82	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500	Sizes on Request	
100	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
120	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
150	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
180	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
220	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500	Sizes on Request	
270	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
330	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
390	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.625		
470	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.625		
560	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500	Sizes on Request	
680	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
820	.156	.375	.187	.375	.187	.375	.187	.375	.187	.375	.187	.500		
.001 MFD	.156	.375	.187	.375	.187	.375	.187	.375	.203	.375	.187	.625		
.0012	.156	.375	.187	.375	.187	.375	.187	.375	.203	.375	.203	.500		
.0015	.156	.375	.187	.375	.187	.375	.187	.375	.203	.500	.187	.625	.359	.750
.0018	.156	.375	.187	.375	.187	.375	.187	.375	.203	.500	.187	.625	.375	.750
.0022	.156	.375	.187	.375	.187	.375	.187	.375	.203	.500	.187	.625	.375	.750
.0027	.156	.375	.187	.375	.187	.375	.187	.375	.219	.500	.203	.625	.375	.875
.0033	.156	.375	.187	.375	.187	.375	.187	.375	.231	.500	.234	.625	.406	.875
.0039	.156	.375	.187	.375	.187	.375	.187	.375	.219	.625	.259	.625	.375	1.000
.0047	.156	.375	.187	.375	.187	.375	.187	.375	.234	.625	.265	.625	.421	1.000
.0056	.187	.375	.187	.375	.187	.375	.187	.375	.250	.625	.281	.625	.406	1.125
.0068	.187	.375	.187	.375	.187	.375	.187	.375	.234	.750	.312	.625	.437	1.125
.0082	.187	.375	.187	.375	.187	.375	.187	.375	.250	.750	.328	.750	.437	1.250
.010	.171	.500	.187	.500	.219	.500	.234	.625	.281	.750	.343	.750	.484	1.250
.012	.187	.500	.203	.500	.250	.500	.250	.750	.328	.750	.437	.875	.578	1.25
.015	.187	.500	.203	.500	.250	.500	.250	.750	.328	.750	.437	.875	.578	1.250
.018	.218	.500	.250	.500	.250	.625	.281	.750	.343	.875	.437	1.062	.609	1.50
.022	.218	.500	.250	.500	.250	.625	.281	.750	.343	.875	.437	1.062	.609	1.500
.027	.233	.500	.281	.500	.265	.625	.312	.750	.375	.875	.500	1.062	.671	1.500
.033	.208	.625	.312	.500	.281	.625	.343	.750	.406	.875	.500	1.187	.750	1.500
.039	.224	.625	.265	.625	.296	.625	.375	.750	.453	.875	.562	1.187	.718	1.750
.047	.244	.625	.296	.625	.296	.750	.359	.875	.453	1.187	.562	1.437	.781	1.750
.056	.264	.625	.312	.625	.343	.750	.390	.875	.484	1.187	.625	1.437	.859	1.750
.068	.250	.750	.296	.750	.343	.875	.421	.875	.484	1.312	.625	1.562	.937	1.750
.082	.272	.750	.296	.875	.359	.875	.421	1.062	.531	1.312	.687	1.562	.937	2.00
.10	.298	.750	.328	.875	.375	.875	.468	1.062	.578	1.312	.687	1.687	1.031	2.00
.12	.324	.750	.359	.875	.437	.875	.515	1.062	.625	1.312	.750	1.687	1.125	2.00
.15	.322	.875	.390	.875	.437	1.062	.531	1.312	.593	1.437	.890	2.00	1.187	2.25
.18	.351	.875	.390	1.062	.468	1.062	.578	1.312	.625	1.437	.984	2.00	1.312	2.25
.22	.386	.875	.437	1.062	.468	1.312	.625	1.312	.687	1.437	1.000	2.25	1.500	2.25
.27	.392	1.062	.484	1.062	.500	1.312	.671	1.312	.718	1.562	1.125	2.25		
.33	.431	1.062	.484	1.187	.562	1.312	.671	1.562	.796	1.562	1.250	2.25		
.39	.433	1.187	.531	1.187	.625	1.312	.718	1.562	.828	1.687	1.062	2.75		
.47	.500	1.187	.562	1.312	.687	1.312	.750	1.562	.968	1.687	1.062	3.00		
.56	.481	1.312	.609	1.312	.671	1.562	.812	1.687	1.00	2.00	1.187	3.00		
.68	.520	1.312	.625	1.437	.750	1.562	.859	1.687	1.00	2.25	1.250	3.25		
.82	.545	1.437	.687	1.437	.797	1.562	.875	2.00	1.125	2.5	1.312	3.25		
1.00	.609	1.437	.718	1.562	.875	1.562	1.00	2.00	1.156	2.5	1.500	3.25		
2.00					1.093	2.00	1.25	2.25						
4.00					1.375	2.50	1.53	3.25						
5.00					1.500	2.50	1.75	3.25						

Lower capacitance values, higher capacitance values and non-standard capacitance values are available. Alternate case configurations are also available where space problems are encountered. For dimensional tolerances and lead gauges see pages 10 and 11.

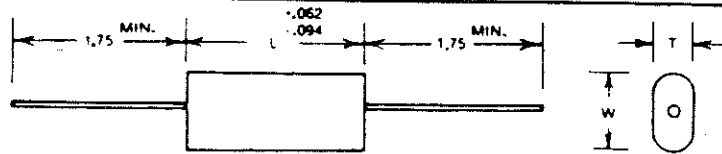
*Voltage ratings up to 5000 VDC are available.

F-DYNE ELECTRONICS COMPANY

SOUTHERN ELECTRONICS COMPANY
726 SOUTH FLOWER ST., BURBANK, CA 91502
(818) 845-2458 FAX (818) 845-6348

**POLYSTYRENE
FOIL
FLAT**

Wrap & Fill • Axial Lead



FLAT	PS 21														
	75 VDC			100 VDC			200 VDC			400 VDC			600 VDC		
CAPACITANCE	T	W	L	T	W	L	T	W	L	T	W	L	T	W	L
.001	.125	.234	.375	.125	.250	.500	.125	.250	.625	.125	.250	.625	.125	.250	.625
.0015	.125	.234	.375	.125	.250	.500	.125	.250	.625	.125	.250	.625	.125	.250	.625
.0022	.125	.234	.375	.125	.250	.500	.125	.250	.625	.125	.250	.625	.125	.250	.625
.0027	.125	.234	.375	.125	.250	.500	.125	.250	.625	.156	.250	.625	.156	.250	.625
.0033	.125	.234	.375	.125	.281	.375	.156	.250	.625	.187	.250	.625	.187	.250	.625
.0039	.140	.250	.375	.156	.250	.500	.187	.250	.625	.187	.281	.625	.187	.281	.687
.0047	.156	.265	.375	.187	.250	.500	.187	.281	.625	.187	.312	.625	.187	.312	.687
.0056	.156	.265	.375	.187	.281	.500	.187	.312	.625	.187	.343	.687	.187	.343	.687
.0068	.125	.234	.500	.187	.312	.500	.187	.343	.687	.187	.375	.687	.187	.375	.687
.0082	.125	.234	.500	.187	.343	.687	.187	.375	.687	.218	.375	.687	.218	.375	.750
.010	.140	.250	.500	.187	.375	.687	.203	.375	.687	.218	.406	.687	.218	.406	.750
.012	.156	.250	.500	.203	.375	.687	.218	.406	.687	.250	.437	.750	.250	.437	.750
.015	.156	.250	.500	.218	.406	.687	.250	.437	.750	.281	.437	.750	.281	.437	.750
.022	.156	.281	.625	.250	.406	.750	.281	.437	.750	.281	.500	.875	.281	.500	.875
.027	.187	.312	.625	.250	.437	.750	.281	.500	.875	.343	.500	.875	.343	.500	.875
.033	.203	.343	.625	.218	.406	.875	.312	.500	.875	.343	.562	1.062	.390	.687	1.312
.039	.234	.359	.625	.218	.437	.875	.281	.532	1.062	.375	.562	1.062	.406	.687	1.312
.047	.218	.343	.750	.250	.437	.875	.281	.562	1.062	.375	.625	1.187	.406	.718	1.437
.056	.234	.359	.750	.218	.406	1.062	.312	.609	1.062	.437	.625	1.312	.406	.750	1.437
.068	.265	.390	.750	.250	.406	1.062	.312	.625	1.187	.437	.687	1.437	.437	.750	1.437
.082	.218	.375	.875	.250	.406	1.187	.343	.687	1.312	.500	.687	1.437	.500	.812	1.562
.10	.281	.437	.875	.281	.406	1.187	.375	.687	1.312	.437	.750	1.562	.532	.812	1.562
.12	.312	.468	.875	.250	.430	1.312	.375	.750	1.437	.532	.750	1.562	.562	.875	1.687
.15	.328	.484	1.062	.281	.500	1.312	.437	.718	1.562	.562	.875	1.687	.625	.875	1.687
.22	.406	.562	1.062	.406	.625	1.437	.468	.812	1.562	.625	.906	1.687	.687	.937	1.937
.27	.406	.562	1.187	.468	.750	1.437	.500	.812	1.562	.687	1.000	2.00	.687	1.000	2.187
.33	.468	.609	1.187	.375	.812	1.562	.500	.875	1.687	.687	1.000	2.25	.750	1.187	2.187
.39	.515	.656	1.187	.406	.812	1.562	.532	.906	1.687	.750	1.187	2.25	.750	1.187	2.187
.47	.562	.718	1.187	.406	.875	1.687	.562	.968	1.687	.812	1.250	2.25	.812	1.250	2.25
.56	.484	.641	1.75	.562	.875	1.687	.625	1.000	2.00						
.68	.531	.687	1.75	.562	.937	2.0	.687	1.000	2.00						
.82	.609	.750	1.75	.625	.937	2.0	.750	1.187	2.25						
1.000	.671	.828	1.75	.625	1.000	2.25	.812	1.250	2.25						
1.500	.765	.921	2.00	.812	1.250	2.25									

Lower capacitance values, higher capacitance values and non-standard capacitance values are available. Alternate case configurations are also available where space problems are encountered. For dimensional tolerances and lead gauges see pages 10 and 11.

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POLYCARBONATE FOIL <i>Rectangular Epoxy Case</i> Axial Lead	CASE T	LEAD AWG	
	Thru .290	24	
	over .290 thru .390	22	
	over .390	20	
	± .010 Tol on all dimensions		

CAPACITANCE	PC 41														
	50-80 VDC			100 VDC			200 VDC			400 VDC			600 VDC		
	T	W	L	T	W	L	T	W	L	T	W	L	T	W	L
.0010	.160	.240	.420	.160	.240	.420	.160	.240	.420	.170	.290	.420	.290	.420	.670
.0015	.160	.240	.420	.160	.240	.420	.160	.240	.420	.170	.290	.420	.290	.420	.670
.0018	.160	.240	.420	.160	.240	.420	.160	.240	.420	.170	.290	.550	.290	.420	.670
.0022	.160	.240	.420	.160	.240	.420	.160	.240	.420	.170	.290	.550	.290	.420	.670
.0027	.160	.240	.420	.160	.240	.420	.160	.240	.420	.170	.290	.550	.290	.420	.670
.0039	.160	.240	.420	.160	.240	.420	.170	.290	.420	.230	.360	.550	.290	.420	.670
.0047	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.670	.290	.420	.670
.0056	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.670	.290	.420	.670
.0068	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.670	.290	.420	.670
.0082	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.670	.290	.420	.670
.01	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.670	.290	.420	.820
.012	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.670	.290	.420	.820
.015	.160	.240	.420	.160	.240	.420	.230	.360	.550	.290	.420	.820	.390	.540	1.040
.018	.170	.290	.420	.230	.360	.550	.290	.420	.670	.390	.540	1.040	.390	.540	1.040
.022	.170	.290	.420	.230	.360	.550	.290	.420	.670	.390	.540	1.040	.390	.540	1.040
.027	.230	.360	.550	.230	.360	.550	.290	.420	.670	.390	.540	1.040	.390	.540	1.240
.033	.230	.360	.550	.230	.360	.550	.290	.420	.670	.390	.540	1.240	.560	.720	1.500
.047	.290	.420	.570	.290	.420	.570	.290	.420	.820	.390	.540	1.240	.560	.720	1.500
.056	.290	.420	.570	.290	.420	.570	.290	.420	.820	.560	.720	1.240	.560	.720	1.500
.068	.290	.420	.570	.290	.420	.570	.390	.540	.820	.560	.720	1.240	.560	.720	1.500
.082	.290	.420	.670	.290	.420	.820	.390	.540	1.040	.560	.720	1.500	.560	.720	1.750
.10	.290	.420	.670	.290	.420	.820	.390	.540	1.040	.560	.720	1.500	.560	.720	1.750
.12	.290	.420	.670	.290	.420	.820	.390	.540	1.040	.560	.720	1.500	.560	.720	1.750
.15	.290	.420	.670	.290	.420	.820	.390	.540	1.240	.560	.720	1.500	.560	.720	1.750
.18	.290	.420	.670	.390	.540	.820	.390	.540	1.240	.560	.720	1.500	.560	.720	1.750
.22				.390	.540	1.040	.560	.720	1.240	.560	.720	1.500			
.27				.390	.540	1.240	.560	.720	1.500	.560	.720	1.500			
.33				.560	.720	1.240	.560	.720	1.500						
.39				.560	.720	1.240	.560	.720	1.500						
.47				.560	.720	1.240	.560	.720	1.500						
.56							.560	.720	1.750						
.68															
.82															
1.00															

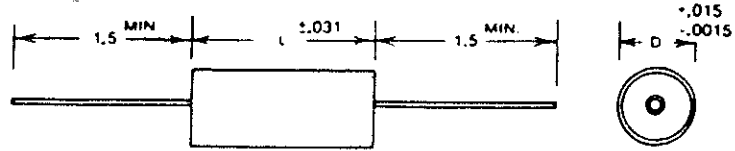
POLYSTYRENE FOIL <i>Epoxy Case</i> Axial Lead	CASE T	LEAD AWG	
	Thru .290	24	
	over .290 thru .390	22	
	over .390	20	
	± .010 Tol on all dimensions		

CAPACITANCE	PS 41								
	50/100 VDC			200/400 VDC			600 VDC		
	T	W	L	T	W	L	T	W	L
.001							.29	.42	.67
.0015							.29	.42	.67
.0068							.29	.42	.67
.0082							.29	.42	.67
.01				.29	.42	.67	.29	.42	.82
.012				.29	.42	.67	.39	.42	.82
.015				.29	.42	.67	.39	.42	.82
.018				.29	.42	.82	.39	.54	1.04
.022				.39	.54	.82	.39	.54	1.04
.027				.39	.54	.82	.39	.54	1.24
.033				.39	.54	.82	.39	.54	1.24
.039				.39	.54	1.04	.39	.72	1.24
.047	.29	.42	.67	.39	.54	1.04	.39	.72	1.24
.056	.29	.42	.82	.39	.54	1.24	.39	.72	1.24
.068	.39	.54	.82	.39	.54	1.24	.39	.72	1.24
.082	.39	.54	.82	.56	.72	1.24	.56	.72	1.50
.1	.39	.54	.82	.56	.72	1.24	.56	.72	1.75
.12	.39	.54	1.04	.56	.72	1.24			
.15	.39	.54	1.04	.56	.72	1.50			
.18	.39	.54	1.24	.56	.72	1.75			
.22	.39	.54	1.24	.56	.72	1.75			
.27	.56	.72	1.24						
.33	.56	.72	1.24						
.39	.56	.72	1.24						
.47	.56	.72	1.50						
.56	.56	.72	1.50						
.68	.56	.72	1.75						
.82									
1.00									

**POLYSTYRENE
FOIL**

**METALLIZED
TEFLON**

*Tubular • Metal Case with
Glass End Seals (Both
leads insulated from case)*



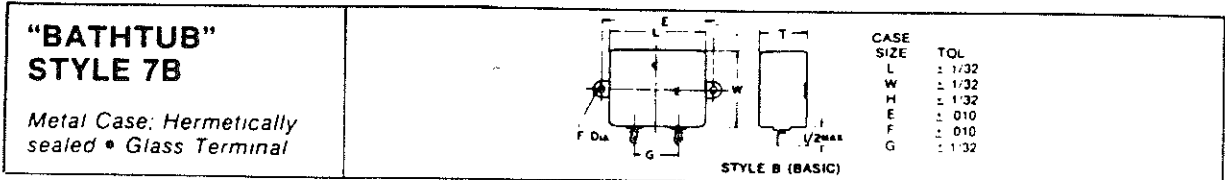
CAPACITANCE	PS 61					
	50/100 VDC		200/400 VDC		600 VDC	
	D	L	D	L	D	L
.001	.175	.750	.175	.750	.235	.750
.0012	.175	.750	.175	.750	.235	.750
.0015	.175	.750	.175	.750	.235	.750
.0018	.175	.750	.175	.750	.235	.750
.0022	.175	.750	.195	.750	.235	.750
.0027	.175	.750	.195	.750	.235	.750
.0033	.175	.750	.235	.750	.312	.812
.0039	.175	.750	.235	.750	.312	.812
.0047	.175	.750	.235	.750	.312	.812
.0056	.175	.750	.312	.812	.400	.812
.0068	.195	.750	.312	.812	.400	.812
.0082	.195	.750	.312	.812	.400	.812
.01	.235	.750	.312	.812	.400	1.062
.012	.235	.750	.400	.812	.400	1.062
.015	.235	.750	.400	.812	.400	1.312
.018	.312	.750	.400	1.062	.400	1.312
.022	.312	.750	.400	1.062	.560	1.312
.027	.312	.750	.400	1.062	.560	1.312
.033	.312	.750	.400	1.062	.560	1.312
.039	.400	.812	.400	1.312	.560	1.312
.047	.400	.812	.562	1.062	.560	1.562
.056	.400	.812	.562	1.062	.560	1.562
.068	.400	.812	.562	1.312	.670	1.562
.082	.400	1.062	.562	1.312	.670	1.812
.10	.400	1.062	.562	1.312	.750	1.812
.12	.400	1.312	.670	1.562	.750	1.812
.15	.400	1.312	.670	1.562	.750	2.125
.18	.560	1.312	.670	1.812	1.00	1.812
.22	.560	1.312	.750	1.812	1.00	2.125
.27	.560	1.312	.750	2.062	1.00	2.375
.33	.560	1.562	1.00	1.812	1.00	2.625
.39	.670	1.562	1.00	1.812		
.47	.670	1.562	1.00	1.812		
.56	.670	1.812	1.00	1.812		
.68	.750	1.812	1.00	2.625		
.82	.750	1.812				
1.0	1.00	1.812				

Where insulation of the metal case is required add .032 to the above diameter and .062 to the length listed.

CAPACITANCE	MTF 61					
	50 VDC		100 VDC		200 VDC	
	D	L	D	L	D	L
.001	.235	.687	.235	.687	.235	.687
.0047	.235	.687	.235	.687	.235	.687
.0082	.235	.687	.235	.687	.235	.687
.01	.235	.687	.235	.687	.235	.687
.012	.235	.687	.235	.687	.235	.687
.015	.235	.687	.312	.687	.235	.687
.018	.312	.687	.312	.687	.312	.812
.022	.312	.687	.312	.687	.312	.812
.027	.312	.687	.312	.812	.312	.812
.033	.312	.687	.312	.812	.400	.812
.039	.312	.687	.400	.812	.400	1.062
.047	.312	.687	.400	.812	.400	1.062
.056	.312	.812	.400	.812	.400	1.062
.068	.312	.812	.400	.812	.400	1.062
.082	.312	.937	.400	1.062	.500	1.125
.10	.312	.937	.400	1.062	.500	1.125
.12	.312	1.062	.500	1.125	.562	1.375
.15	.312	1.062	.500	1.125	.562	1.375
.18	.400	1.062	.562	1.125	.562	1.375
.27	.400	1.062	.562	1.125	.670	1.375
.33	.500	1.125	.562	1.125	.670	1.375
.39	.500	1.125	.670	1.375	.670	1.875
.47	.562	1.125	.670	1.375	.670	1.875
.56	.562	1.125	.670	1.375	.670	1.875
.68	.562	1.125	.670	1.375	.670	1.875
.82	.670	1.375	.670	1.875	.750	1.875
1.0	.670	1.375	.670	1.875	.750	1.875
2.0	.670	1.875	1.00	1.875	.750	1.875

F-DYNE ELECTRONICS COMPANY

SOUTHERN ELECTRONICS COMPANY
726 SOUTH FLOWER ST., BURBANK, CA 91502
(818) 845-2458 FAX (818) 845-6348



POLYESTER MYLAR FOIL	PE 7B										
	100 V			200 V			400 V				
	MFD	L	W	T	MFD	L	W	T	MFD	L	W
.47	1.125	1.00	.500	.47	1.125	1.00	.500	.47	1.125	1.00	.6875
1.0	1.125	1.00	.6875	1.0	1.750	.875	.6875	1.0	1.750	1.00	.875
.47	1.750	1.250	1.125	.47	2.00	1.750	.875	.47	2.00	2.00	1.500
10.0	2.00	2.00	1.00	10.0	2.00	2.00	1.500	10.0	3.0625	2.875	1.500
27.0	3.0625	2.875	1.125	27.0	3.0625	2.875	2.125	27.0	3.0625	4.4375	2.125
47.0	3.0625	2.875	2.125	47.0	3.0625	4.4375	2.125	47.0			
82.0	3.0625	4.4375	2.125	82.0				82.0			

METALLIZED POLYESTER (Mylar)	MPE 7B										
	200 V			400 V			600 V				
	MFD	L	W	T	MFD	L	W	T	MFD	L	W
.47	1.125	1.00	.500	.47	1.125	1.00	.500	.47	1.125	1.00	.500
1.0	1.125	1.00	.500	1.0	1.125	1.00	.500	1.0	1.750	.875	.6875
.47	1.750	1.00	.750	.47	1.750	1.250	.875	.47	2.00	2.00	1.125
10.0	1.750	1.250	1.00	10.0	2.00	1.750	1.00	10.0	3.0625	2.875	1.125
22.0	1.750	1.250	1.125	22.0	2.00	2.00	1.500	22.0	3.0625	2.875	1.875
47.0	3.0625	2.875	1.375	47.0	3.0625	2.875	1.125	47.0			
100.0	3.0625	2.875	2.125	100.0	3.0625	4.4375	2.125	100.0			

POLYSTYRENE FOIL	PS 7B										
	100 V			200V-400V			600 V				
	MFD	L	W	T	MFD	L	W	T	MFD	L	W
.047	1.125	1.00	.500	.047	1.125	1.00	.500	.047	1.125	1.00	.500
.10	1.125	1.00	.500	.10	1.125	1.00	.6875	.10	1.750	.875	.6875
.47	1.125	1.00	.6875	.47	1.750	1.250	1.00	.47	2.00	2.00	1.00
1.0	1.750	1.250	.875	1.0	2.00	2.00	1.00	1.0	2.00	2.00	1.750
2.2	2.00	1.750	.875	2.2	3.0625	2.875	1.125	2.2	3.0625	2.875	2.125
4.7	2.00	2.00	1.500	4.7	3.0625	2.875	2.125	4.7	3.0625	4.4375	2.125
10.0	3.0625	2.875	1.500	10.0	3.0625	4.4375	2.125	10.0			


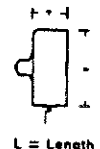
POLYCARBONATE FOIL	PC 7B										
	30 VDC			100 VDC			200 VDC				
	MFD	L	W	T	MFD	L	W	T	MFD	L	W
.10	1.125	1.00	.500	.10	1.125	1.00	.500	.10	1.125	1.00	.500
.47	1.125	1.00	.500	.47	1.750	1.00	.875	.47	1.750	1.250	.875
1.0	1.750	.875	.6875	1.0	1.750	1.250	1.125	1.0	2.00	2.00	1.00
.47	2.00	2.00	1.00	.47	3.0625	2.875	1.125	.47	3.0625	2.875	1.875
10.0	2.00	2.00	1.750	10.0	3.0625	2.875	2.125	10.0	3.0625	4.4375	2.125

TEFLON FOIL	TF 7B										
	200 V			400 V			600 V				
	MFD	L	W	T	MFD	L	W	T	MFD	L	W
.01	1.125	1.00	.500	.01	1.125	1.00	.500	.01	1.125	1.00	.500
.047	1.125	1.00	.500	.047	1.125	1.00	.500	.047	1.125	1.00	.6875
.10	1.125	1.00	.500	.10	1.125	1.00	.6875	.10	1.750	.875	.6875
.47	1.750	1.00	.875	.47	1.750	1.250	1.125	.47	2.00	1.750	.875
1.0	2.00	1.750	.875	1.0	2.00	2.00	1.00	1.0	2.00	2.00	1.250
2.0	2.00	2.00	1.125	2.0	2.00	2.00	1.500	2.0			
3.0	2.00	2.00	1.750	3.0				3.0			

Lower capacitance values, higher capacitance values and non-standard capacitance values are available.
 Alternate case configurations are also available where space problems are encountered.



F-DYNE ELECTRONICS COMPANY	SOUTHERN ELECTRONICS COMPANY 726 SOUTH FLOWER ST., BURBANK, CA 91502 (818) 845-2458 FAX (818) 845-6348
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POLYSTYRENE/FOIL Adjustable Type PS 7A Hermetically sealed, Metal case

	MFD	100/400 VDC			NOTES	
		L	W	T		
		.047 1.125 1.000 .500 .10 1.125 1.000 .6875 .47 2.000 1.750 .875 1.0 2.000 2.000 1.000 4.7 3.0625 2.875 2.125 10.0 3.0625 4.4375 2.125				

1. 0° to + 65°C Temperature Range.
2. Adjustment Range of $\pm 1\frac{1}{2}\%$ from nominal.
3. .01 Long Term Drift at controlled Temperature.
4. .005% Voltage coefficient available on request.


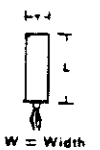
POLYSTYRENE/FOIL Decade Type PS 7D Hermetically sealed, Metal case

	MFD	Decade Range			100/400 VDC			NOTES	
		L	W	T					
		.001— .01 .01 — .10 .10 — 1.0 1.0 — 10.0							

1.750 1.250 .875
1.750 1.250 .875
2.000 2.000 1.500
5.000 4.250 4.375

ALSO AVAILABLE SWITCH MOUNTED FOR PANEL ASSEMBLY



POLYSTYRENE/FOIL Plug-in Type PS 7P Hermetically sealed, Metal case

	MFD	100 V			MFD	200/400 V			NOTES	
		W	T	L		W	T	L		
		.047 1.3125 .625 1.250 .10 1.3125 .625 1.250 .47 1.3125 .625 1.500 1.0 1.3125 .625 2.000 2.0 1.6 1.000 2.500								

1.3125 .625 1.250
1.3125 .625 1.250
1.3125 .625 2.250
1.6 1.000 2.500

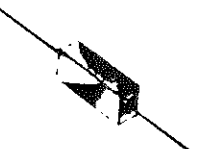
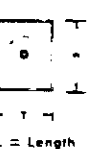
STANDARD BANANA PLUG MOUNTING ON $\frac{3}{4}$ " CENTERS

MYLAR/FOIL Rectangular Type PE 7G Hermetically sealed, Metal case

	MFD	100 V			MFD	200 V			MFD	400 V			
		T	L	W		T	W	L		T	W	L	
		.0047 .22 .34 .5625 .01 .22 .34 .5625 .047 .22 .34 .875 .10 .31 .41 .8125 .47 .40 .57 1.3125 1.0 .40 .57 1.8125 2.0 .60 .80 1.8125											

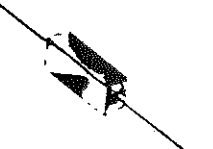

.0047 .22 .34 .5625
.01 .22 .34 .5625
.047 .22 .34 .875
.10 .31 .41 .8125
.47 .40 .57 1.3125
1.0 .40 .57 1.8125
2.0 .60 .80 1.8125

METALLIZED MYLAR Rectangular Type MPE 7G Hermetically sealed, Metal case

	MFD	50 V			MFD	100 V			MFD	200 V			
		T	W	L		T	W	L		T	W	L	
		.01 .22 .34 .5625 .047 .22 .34 .5625 .10 .22 .34 .5625 .47 .22 .34 .8125 1.0 .31 .41 .8125 4.7 .40 .57 1.5625											



.01 .22 .34 .5625
.047 .22 .34 .5625
.10 .22 .34 .5625
.47 .22 .34 .8125
1.0 .31 .41 .8125
4.7 .40 .57 1.5625

METALLIZED POLYCARBONATE Rectangular Type MPC 7G Hermetically sealed, Metal case

	MFD	50 V			MFD	100 V			MFD	200 V			
		T	W	L		T	W	L		T	W	L	
		.01 .22 .34 .5625 .047 .22 .34 .5625 .10 .22 .34 .5625 .47 .22 .34 .6875 1.0 .31 .41 .8125 4.7 .40 .57 1.125											

.01 .22 .34 .5625
.047 .22 .34 .5625
.10 .22 .34 .5625
.47 .22 .34 .6875
1.0 .31 .41 .8125
4.7 .40 .57 1.125

POLYSTYRENE/FOIL Rectangular Type PS 7G Hermetically sealed, Metal case

	MFD	100 V			MFD	200/400 V			MFD	600 V			
		T	W	L		T	W	L		T	W	L	
		.001 .22 .34 .82 .0047 .22 .34 .82 .01 .22 .34 .82 .047 .31 .41 .94 .10 .40 .57 1.12 .47 .50 .65 1.81 1.0 .60 .80 2.06											

.001 .22 .34 .82
.0047 .22 .34 .82
.01 .22 .34 .82
.047 .31 .41 .94
.10 .40 .57 1.12
.47 .50 .65 1.81
1.0 .60 .80 2.06

Lower capacitance values, higher capacitance values and non-standard capacitance values are available. Alternate case configurations are also available where space problems are encountered. For dimensional tolerances and lead gauges see pages 10 and 11.

F-DYNE ELECTRONICS COMPANY

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