# **Type T High Voltage Paper-Film/Foil Capacitors**

### Paper-Film/Foil Capacitors for High Voltage Filter Applications



Type T capacitors are for high voltage filter applications as well as being used for filtering, bypass and blocking in radar amplifiers and power supplies. The Type T is constructed with a rugged inserted tab to foil connection to 10-32 screw terminals surrounded by thermoset plastic bushings for high voltage performance in an oval, hermetically seald metal case that will give long operating life under harsh conditions.

#### **Highlights**

- · Hermetically sealed
- High Voltage to 5 kVdc
- High Temperature, 105 °C operation with derating

**Specifications** 

Capacitance Range	0.1μF to 15.0 μF			
Capacitance Tolerance	±10%			
Rated Voltage	600 Vdc to 5000 Vdc			
Operating Temperature Range  -55 °C to 105 °C — Full rated voltage to 85 °C.  Derate linearly to 50% rated voltage at max temp.				
Regulatory Information				

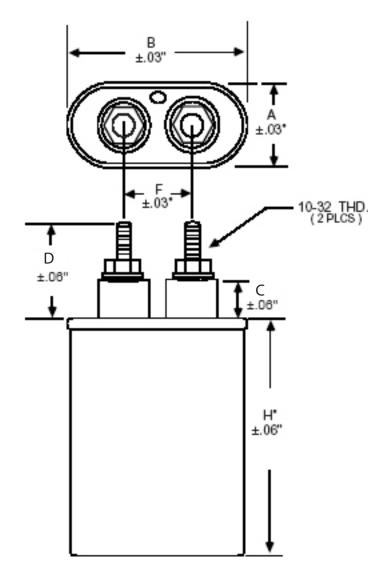
**Ratings** 

Сар	Catalog	Catalog Case H					
(μ <b>F</b> )	<b>Part Number</b>	Part Number Code					
600 Vdc							
0.5	T6P5NR-F	Α	2.13				
1.0	T6W1NR-F A 2.1		2.13				
2.0	T6W2NR-F	A 2.13					
3.0	T6W3NR-F A 2.38						
4.0	T6W4NR-F	T6W4NR-F A 2.63					
6.0	T6W6NR-F	T6W6NR-F A 3.88					
8.0	T6W8NR-F	R-F C 2.88					
10.0	T6W10NR-F	C	3.13				
15.0	T6W15NR-F		3.50				
1000 Vdc							
0.10	T10P1NR-F	Α	2.13				
0.25	T10P25NR-F	Α	2.13				
0.50	T10P5NR-F	5NR-F A					
1.0	T10W1NR-F	Α	2.13				
2.0	T10W2NR-F	T10W2NR-F A					
4.0	T10W4NR-F	T10W4NR-F A					
6.0	T10W6NR-F	C	3.50				
8.0	T10W8NR-F	D	3.50				
10.0	T10W10NR-F D 3.8		3.88				
15.0	T10W15NR-F	D	5.25				
1500 Vdc							
0.5	T15P5NR-F	Α	2.13				
1.0	T15W1NR-F	Α	2.13				
2.0	T15W2NR-F	Α	3.13				
4.0	T15W4NR-F	C	3.13				
6.0	T15W6NR-F	T15W6NR-F D 3.88					
8.0	T15W8NR-F	D	4.25				

Сар	Catalog	Case H					
(μ <b>F</b> )	<b>Part Number</b>	Code (Inches)					
1500 Vdc							
10.0	T15W10NR-F	D	4.75				
12.0	T15W12NR-F	D	5.25				
15.0	T15W15NR-F	6.25					
	2000 Vdc						
0.10	T20P1NR-F	Α	2.13				
0.25	T20P25NR-F	Α	2.13				
0.50	T20P5NR-F	Α	2.13				
1.0	T20W1NR-F	Α	2.63				
2.0	T20W2NR-F	C	2.88				
4.0	T20W4NR-F	D	3.50				
5.0	T20W5NR-F	D	4.25				
8.0	T20W8NR-F	D	5.75				
10.0	T20W10NR-F	D	6.75				
15.0	T20W15NR-F	D	9.88				
	2500	<b>Vdc</b>					
1.0	T25W1NR-F	C	2.88				
2.0	T25W2NR-F	C	3.13				
4.0	T25W4NR-F D		4.25				
3000 Vdc							
.10	T30P1NR-F	Α	2.13				
.50	T30P5NR-F	Α	3.13				
1.0	T30W1NR-F C		3.13				
6.0	T30W6NR-F D		8.00				
5000 Vdc							
.50	T50P5NR-F	C	3.50				
1.0	T50W1NR-F D 4.25		4.25				
2.0	2.0 T50W2NR-F D 7.25						

## **Type T High Voltage Paper-Film/Foil Capacitors**

#### **Outline Drawing**



Case	Dimensions (Inches)					
Code	Α	В	c	D	F	
Α	1.31	2.16	0.56	1.06	0.81	
С	1.91	2.91	0.50	1.00	1.38	
D	1.97	3.66	0.50	1.00	1.38	

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