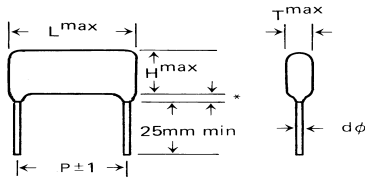


NON-INDUCTIVE, EXTENDED FOIL, EPOXY DIPPED, METALLIZED POLYPHENYLENE SULFIDE (PPS) FILM CAPACITOR



* 2mm max. for L > 20 mm
* 1.5mm max. for L ≤ 20 mm

SPECIFICATIONS

Performance Characteristics	
Operating Temperature Range	-40°C ~ +125°C.
Temperature Coefficient	-100ppm/°C.
Voltage Range	50 & 100VDC.
Withstanding Voltage (between leads)	2.5 times rated voltage for 5 seconds.
Capacitance Range	0.0001μF ~ 0.47μF.
Capacitance Tolerance	±1%, ±2%, & ±5%.
Maximum Dissipation Factor % (20°C, 1KHz)	0.3.
Minimum Insulation Resistance (25°C)	45000MΩ (C ≤ 0.33μF). 15000MΩ x μF (C ≥ 0.33μF).

PART NUMBERING

Part Number Example: 8014-050/224JTR12F

8014	-	050	/	224	J	TR	12	F
Type		Rated DC Voltage		Capacitance Code (pF)*	Tolerance Code	Package Code**	Lead Space	RoHs Compliant

* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).
** Package Code: TR = Tape & Reel.

Capacity (μF)	50WVDC					100WVDC				
	W	H	T	P	Capacity (μF)	W	H	T	P	
0.0010	8.5	6.5	4.0	5.0	0.00010	8.5	6.5	4.0	5.0	
0.0012	8.5	7.0	4.0	5.0	0.00012	8.5	6.5	4.0	5.0	
0.0015	8.5	7.0	4.0	5.0	0.00015	8.5	6.5	4.0	5.0	
0.0018	8.5	7.0	4.0	5.0	0.00018	8.5	6.5	4.0	5.0	
0.0022	8.5	7.0	4.0	5.0	0.00022	8.5	6.5	4.0	5.0	
0.0027	8.5	7.0	4.0	5.0	0.00027	8.5	6.5	4.0	5.0	
0.0033	8.5	7.0	4.0	5.0	0.00033	8.5	6.5	4.0	5.0	
0.0039	8.5	7.0	4.0	5.0	0.00039	8.5	6.5	4.0	5.0	
0.0047	8.5	7.0	4.0	5.0	0.00047	8.5	6.5	4.0	5.0	
0.0056	8.5	7.0	4.0	5.0	0.00056	8.5	6.5	4.0	5.0	
0.0068	8.5	7.0	4.0	5.0	0.00068	8.5	6.5	4.0	5.0	
0.0082	8.5	6.5	4.0	5.0	0.00082	8.5	6.5	4.0	5.0	
0.010	8.5	7.0	4.0	5.0	0.0010	10.0	7.0	4.5	5.0	
0.012	8.5	7.0	4.0	5.0	0.0012	10.0	7.0	4.5	5.0	
0.015	12.0	7.0	4.5	7.5	0.0015	10.0	7.0	4.5	5.0	
0.018	12.0	7.0	4.5	7.5	0.0018	10.0	7.0	4.5	5.0	
0.022	12.0	7.0	4.5	7.5	0.0022	10.0	7.5	4.5	5.0	
0.027	12.0	8.5	4.5	7.5	0.0027	10.0	7.0	4.5	5.0	
0.033	12.0	9.0	4.5	7.5	0.0033	10.0	7.5	4.5	5.0	
0.039	12.0	9.5	5.0	7.5	0.0039	10.0	7.0	4.5	5.0	
0.047	12.0	9.5	5.0	7.5	0.0047	10.0	7.5	5.0	5.0	
0.056	12.0	10.0	5.5	7.5	0.0056	12.0	7.5	4.5	7.5	
0.068	14.5	9.5	5.0	10.0	0.0068	12.0	7.0	4.5	7.5	
0.082	14.5	10.0	5.5	10.0	0.0082	12.0	7.5	4.5	7.5	
0.10	14.5	10.5	6.0	10.0	0.010	12.0	7.0	4.5	7.5	
0.12	14.5	11.0	6.5	10.0	0.012	12.0	7.5	5.0	7.5	
0.15	17.0	11.0	6.5	12.5	0.015	12.0	7.5	5.0	7.5	
0.18	17.0	12.5	6.5	12.5	0.018	12.0	8.0	5.5	7.5	
0.22	17.0	13.5	7.0	12.5	0.022	12.0	10.0	5.0	7.5	
0.27	17.0	14.5	7.5	12.5	0.027	12.0	10.5	5.5	7.5	
0.33	17.0	15.5	8.5	12.5	0.033	14.5	10.0	5.5	10.0	
0.39	17.0	16.0	9.0	12.5	0.039	14.5	10.0	6.0	10.0	
0.47	17.0	16.5	10.0	12.5	0.047	14.5	10.5	6.0	10.0	
					0.056	14.5	11.0	6.5	10.0	
					0.068	17.0	10.5	6.5	12.0	
					0.082	17.0	12.0	6.5	12.5	
					0.10	17.0	13.5	7.0	12.5	
					0.12	17.0	14.0	7.5	12.5	
					0.15	20.5	14.0	7.5	15.0	
					0.18	20.5	14.5	7.5	15.0	
					0.22	20.5	15.5	8.5	15.0	
					0.27	20.5	16.5	9.0	15.0	
					0.33	20.5	17.0	10.0	15.0	
					0.39	20.5	18.0	10.5	15.0	
					0.47	20.5	19.5	11.5	15.0	