



Surface Mount Standard Film Capacitors FCP Series, Specifications

CDE CORNELL
DUBILIER

Metalized Film Capacitor

Stable, non-inductive for timing, filtering, by-pass and decoupling applications

Part Number Determination

FCP0805C822J-J2					
FCP	0805	C	822	J	-J2
TYPE	CASE SIZE	VOLTAGE	CAPACITANCE	TOLERANCE	PACKAGING CODE
Stacked Metalized Polyphenylene Sulfide (PPS) Film Capacitors	0603 0805 1206 1210 1913 2416	C=16V H=50V	2 Significant Digits + 1 multiplier	J=±5% K=±10%	0603 K1=8mm 4000/7" Reel 0805 J1, J2=8mm 3000/7" Reel 1206 H1, H2=8mm 3000/7" Reel H3=8mm 2000/7" Reel 1210 G1, G2, G3=8mm 2000/7" Reel 1913 E1, E2=12mm 3000/13" Reel E3, E4=12mm 2000/13" Reel 2416 D1, D2=12mm 3000/13" Reel D3, D4, D5=12mm 2000/13" Reel

Electrical Characteristics

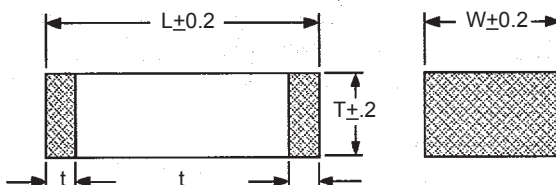
Capacitance Range: 100pF to 0.1μF
Voltage Range: 16V to 50V
Capacitance Tolerance: ±5%
Operating Temperature Range: -55 to + 125°C
Capacitance Change from -55°C to 105°C ≤ 1.5%

Features

- Stacked metallized polyphenylene sulfide(PPS) film
- Stable Capacitance and D.F. over wide temp. range
- Excellent high frequency performance
- Conform to standard EIA case sizes
- No piezo electric effect
- Distortion free audio

Package Dimensions (mm)

Case Code	L	W	T	t
0805	2.0	1.25	0.8	.35±.2
0805	2.0	1.25	1.0	.35±.2
1206	3.2	1.6	0.8	.35±.2
1206	3.2	1.6	1.0	.35±.2
1206	3.2	1.6	1.4	.35±.2
1210	3.2	2.5	1.0	.35±.2
1210	3.2	2.5	1.4	.35±.2
1210	3.2	2.5	2.0	.35±.2
1913	4.8	3.3±.3	1.4	.35±.2
1913	4.8	3.3±.3	2.0	.35±.2



Land Pattern (in/mm)

Case Code	a	b	c
0805	1.0	2.7	1.1
1206	2.2	3.8	1.4
1210	2.2	3.8	2.3
1913	2.6	6.6	3.0

