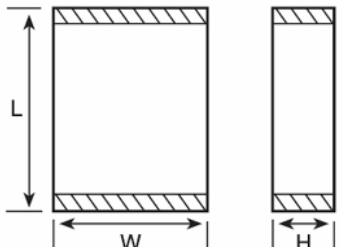
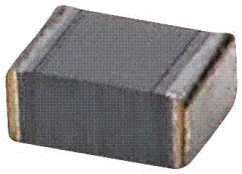
METALLIZED POLYETHYLENE NAPHTALATE FILM CAPACITOR-STACKED SMD Suntan®

FOR ENERGY LAMP

TS05D

DISCONTINUED





FEATURES

- Uncoated, stacked construction, small size
- Stability versus temperature, frequency, voltage, time and humidity
- Reliable quality due to self-healing effect
- No piezoelectric effect, non-polar construction, non-linearity distortion
- Low ESR, low noise level
- High d v / d t ability
- No cracking under thermal impact or mechanical bump

APPLICATIONS

- Telecom(XDSL, Base station , Multiplexer)
- Automotive(Engine control system ,Safety system, Car radio, navigation system, Air-conditioning)
- Lighting(Electronic ballast)
- DC/DC convertor
- Consumer(LCD,PDP)

SPECIFICATIONS

Reference Standard	IEC60384-19
Climatic Category	55/125/56
Rated Temperature	105℃
Operating Temperatur Range	-55℃ ~ 125℃（+105℃ to + 125℃:decreasing factor 1.25% per ℃ for V_R(DC)）
Rated Voltage	50/63V, 100V, 250V, 400V, 630V
Capacitance Range	0.001μF ~ 1.0μF
Capacitance Tolerance	±5%(J), ±10%(K),±20%(M)
Voltage Proof	1.40U_R(5s)
Dissipation Factor	≤0.008(1KHz)
Insulation Resistance	≥1000MΩ，C_R ≤0.33μF: U_R＜100，充电电压 10V ≥400s,C_R ＞0.33μF: U_R≥100，充电电压 100V（20℃，1min）
Maximum Pulse Rise Time	100
Welding process	Reflow

Dimensions (mm)

Dimensions Code	1206	1210	1812	2220
L	3.2+-0.2	3.2+-0.2	4.5+-0.5	5.7+-0.5
W	1.6+-0.2	2.5+-0.2	3.2+-0.5	5.1+-0.5

METALLIZED POLYETHYLENE NAPHTALATE FILM CAPACITOR-STACKED SMD Suntan®

FOR ENERGY LAMP

TS05D

Pattern I

μF	50/63VDC		100VDC		250VDC		400VDC		630VDC	
	Size	H±0.2	Size	H±0.2	Size	H±0.2	Size	H±0.2	Size	H±0.2
0.001	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0012	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0015	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0018	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0027	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0033	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0039	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0047	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0056	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.4
0.0068	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	1.8
0.0082	1812	1.4	1812	1.4	1812	1.4	1812	1.4	2220	2.0
0.01	1812	1.4	1812	1.4	1812	1.4	1812	2.0	2220	2.4
0.012	1812	1.4	1812	1.4	1812	1.4	1812	2.0	2220	2.8
0.015	1812	1.4	1812	1.4	1812	1.4	2220	1.4	2220	3.6
0.018	1812	1.4	1812	1.4	2220	1.4	2220	1.4	2220	4.0
0.022	1812	1.4	1812	1.4	2220	1.8	2220	2.0	--	--
0.027	1812	1.4	1812	1.4	2220	2.0	2220	2.4	--	--
0.033	1812	1.4	1812	1.4	2220	1.4	2220	2.8	--	--
0.039	1812	1.8	1812	1.8	2220	1.4	2220	3.2	--	--
0.047	1812	2.0	1812	2.0	2220	1.8	2220	3.6	--	--
0.056	1812	1.4	1812	1.4	2220	1.8	--	--	--	--
0.068	1812	1.4	1812	1.4	2220	2.4	--	--	--	--
0.082	1812	1.4	1812	1.4	--	--	--	--	--	--

μF	50/63VDC		100VDC	
	Size	H±0.2	Size	H±0.2
0.1	1812	2.0	1812	2.0
0.12	1812	1.4	2220	1.4
0.15	1812	1.4	2220	1.4
0.18	1812	2.0	2220	1.4
0.22	1812	2.0	2220	1.8
0.27	2220	1.4	2220	2.4
0.33	2220	1.4	2220	2.8
0.39	2220	1.8	2220	--
0.47	2220	1.8	2220	--
0.56	2220	2.4	2220	--
0.68	2220	2.8	2220	--

Pattern II

μF	50/60VDC		100VDC		250VDC	
	Size	H±0.2	Size	H±0.2	Size	H±0.2
0.001	1206	1.1	1206	1.1	1206	1.1
0.0012	1206	1.1	1206	1.1	1206	1.1
0.0015	1206	1.1	1206	1.1	1206	1.1
0.0018	1206	1.1	1206	1.1	1206	1.1
0.0022	1206	1.1	1206	1.1	1206	1.1
0.0027	1206	1.1	1206	1.1	1206	1.1
0.0033	1206	1.1	1206	1.1	1206	1.1
0.0039	1206	1.1	1206	1.1	1206	1.5
0.0047	1206	1.1	1206	1.1	1206	1.5
0.0056	1206	1.1	1206	1.1	1210	1.5
0.0068	1206	1.1	1206	1.1	1210	1.5
0.0082	1206	1.1	1206	1.1	1210	1.5
0.01	1206	1.1	1206	1.1	1210	2.1
0.012	1206	1.1	1206	1.1	1210	2.1
0.015	1206	1.1	1206	1.1	*	*
0.018	1206	1.1	1210	1.1	1812	1.4
0.022	1206	1.1	1210	1.1	1812	1.8
0.027	1206	1.1	1210	1.5	1812	2.0
0.033	1206	1.5	1210	1.5	1812	2.4
0.039	1210	2.1	1210	2.1	*	*
0.047	1210	2.1	1210	2.1	*	*
0.056	1210	1.5	*	*	*	*
0.068	1210	1.5	*	*	*	*
0.082	1210	2.1	*	*	2220	2.8
0.1	1210	2.1	*	*	2220	3.2
0.12	*	*	1812	2.4	2220	4.0
0.15	*	*	*	*	--	--
0.18	*	*	*	*	--	--
0.22	*	*	*	*	--	--
0.27	*	*	*	*	----	--
0.33	*	*	*	*	--	--
0.39	*	*	2220	3.2	--	--
0.47	*	*	2220	4.0	--	--
0.56	*	*	2220	4.4	--	--
0.68	*	*	--	--	--	--
0.82	2220	3.2	--	--	--	--
1.0	2220	4.0	--	--	--	--

NOTE: '*' indicates it is as same as the pattern I

Note: Specification are subject to change without notice. For more detail and update, please visit our website.