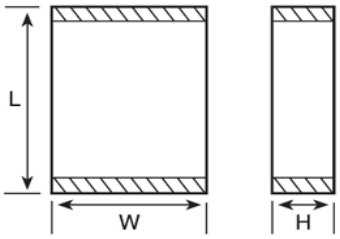
METALLIZED POLYPHENYLENE SULFIDE FILM CAPACITOR-STACKED SMD

Suntan®

FOR ENERGY LAMP

TS05M





FEATURES

- Uncoated, stacked construction, small size
- Very high stability versus temperature, frequency ,voltage, time and humidity
- Reliable quality
- No piezoelectric effect ,non-polar construction, non-linearity distortion
- Very low ESR, very low noise level
- No cracking under thermal impact or mechanical bump

APPLICATIONS

- Telecom (XDSL, Mobile phone, Blue tooth)
- Automotive(Engine control system, Safety system, navigation system)
- Consumer(LCD,DVD)

SPECIFICATIONS

Reference Standard	IEC60384-20
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	16V, 50V
Capacitance Range	0.0001μF ~ 0.1μF
Capacitance Tolerance	±5%(J), ±10%(K)
Voltage Proof	1.50U_R (5s)
Dissipation Factor	≤0.006 (1KHz)
Insulation Resistance	≥3000MΩ　U_R=16，10V U_R=50，50V（20℃，1min）
Maximum Pulse Rise Time	100
Welding process	Reflow

Dimensions (mm)

Dimensions Code	0805	1206	1210	1812
L	2.0+-0.2	3.2+-0.2	3.2+-0.2	4.5+-0.5
W	1.25+-0.2	1.6+-0.2	2.5+-0.2	3.2+-0.5

μF	16V		50V	
	Size	H+-0.2	Size	H+-0.2
0.0001	--	--	0805	0.9
0.00012	--	--	0805	0.9
0.00015	--	--	0805	0.9
0.00018	--	--	0805	0.9
0.00022	--	--	0805	0.9
0.00033	--	--	0805	0.9
0.00047	--	--	0805	0.9
0.00056	--	--	0805	0.9
0.00068	--	--	0805	0.9
0.00082	--	--	0805	0.9
0.001	--	--	0805	0.9
0.0012	--	--	0805	0.9
0.0018	--	--	0805	0.9
0.0022	--	--	0805	0.9
0.0027	--	--	0805	0.9
0.0033	0805	0.9	1206	0.9
0.0039	0805	0.9	1206	0.9

μF	16V		50V	
	Size	H+-0.2	Size	H+-0.2
0.0047	0805	0.9	1206	0.9
0.0056	0805	0.9	1206	0.9
0.0068	0805	0.9	1206	0.9
0.0082	0805	1.1	1206	1.1
0.01	0805	1.1	1206	1.1
0.012	1206	0.9	1206	1.1
0.015	1206	0.9	1210	1.1
0.018	1206	0.9	1210	1.1
0.022	1206	0.9	1210	1.1
0.027	1206	1.1	1210	1.5
0.033	1206	1.1	1210	2.1
0.039	1206	1.5	1210	2.1
0.047	1206	1.5	1210	2.1
0.056	1210	1.5	1812	1.4
0.068	1210	1.5	1812	1.4
0.082	1210	1.5	1812	1.4
0.1	1210	2.1	1812	2.0

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