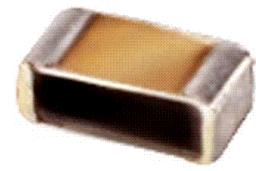
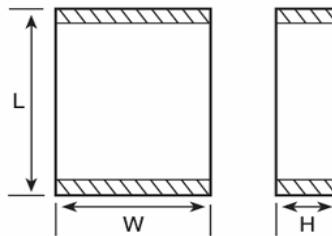


FOR ENERGY LAMP

**TS05M****DISCONTINUED****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)

S	P	E	C	I	F	I	C	A	T	I	O	N	S
Reference Standard				IEC60384-20									
Climatic Category				55/125/56									
Rated Temperature				105°C									
Operating Temperatur Range				-55°C ~ 125°C (+105°C to + 125°C :decreasing factor 1.25% per °C for V <sub>R</sub> (DC))									
Rated Voltage				16V, 50V									
Capacitance Range				0.0001μF ~ 0.1μF									
Capacitance Tolerance				±5%(J), ±10%(K)									
Voltage Proof				1.50U <sub>R</sub> (5s)									
Dissipation Factor				≤0.006 (1KHz)									
Insulation Resistance				≥3000MΩ			U <sub>R</sub> =16 · 10V						
							U <sub>R</sub> =50 · 50V (20°C , 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
<b>0.0001</b>	--	--	0805	0.9
<b>0.00012</b>	--	--	0805	0.9
<b>0.00015</b>	--	--	0805	0.9
<b>0.00018</b>	--	--	0805	0.9
<b>0.00022</b>	--	--	0805	0.9
<b>0.00033</b>	--	--	0805	0.9
<b>0.00047</b>	--	--	0805	0.9
<b>0.00056</b>	--	--	0805	0.9
<b>0.00068</b>	--	--	0805	0.9
<b>0.00082</b>	--	--	0805	0.9
<b>0.001</b>	--	--	0805	0.9
<b>0.0012</b>	--	--	0805	0.9
<b>0.0018</b>	--	--	0805	0.9
<b>0.0022</b>	--	--	0805	0.9
<b>0.0027</b>	--	--	0805	0.9
<b>0.0033</b>	0805	0.9	1206	0.9
<b>0.0039</b>	0805	0.9	1206	0.9

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

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