

◆ Characteristics

1. Low dissipation factor, high reliability factor;
2. Low remnant inductance, excellent high frequency function;
3. Used in temperature compensate. It has high Q value and excellent temperature stability.
4. Many types of temperature characteristics and working voltage.

◆ General Specification

Operating Temperature Range	-25 ~+85
Working Voltage	DC 1KV, 2KV, 3KV, 6.3KV, 10KV, 15KV..
With Standing Voltage	1.5times of working voltage. $1KV \quad U_R \quad 10KV \quad U_T=1.5U_R+500V$ $U_R \quad 10KV \quad U_T=1.5U_R$
Capacitance	Be measured at 20 ± 2 , with 5Vrms max.. Class I $1 \pm 0.2MHz$; Class II $1 \pm 0.2KHz$.
Capacitance Tolerance	J: $\pm 5\%$ K: $\pm 10\%$ M: $\pm 20\%$ Z: +80%-20%
Dissipation Factor (D.F.)	Same condition as the capacitance SL $tg\delta \quad 0.15\%$ N3300 $tg\delta \quad 0.4\%$ Y5P $tg\delta \quad 2.5\%$ Z5U $tg\delta \quad 2.5\%$ Z5V $tg\delta \quad 2.5\%$ Bn $tg\delta \quad 0.5\%$ Y5R $tg\delta \quad 0.35\%$
Insulation Resistance (IR)	With rated voltage 500V test 60 ± 5 seconds. IR 10000MΩ.
Temperature Characteristic	SL N3300 Y5P Z5U Z5V Y5R