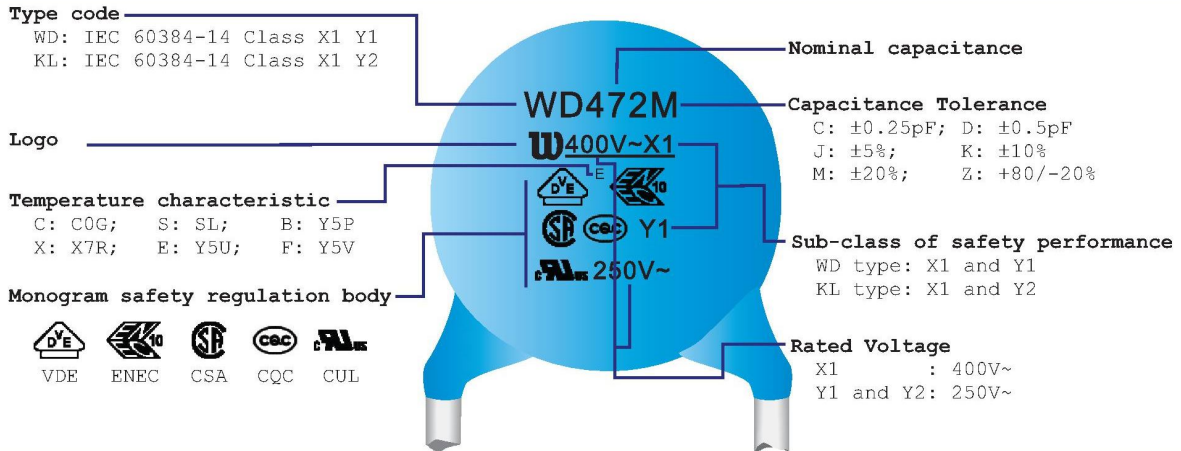


Marking



General Specifications

Characteristics	X1 Y1 (WD type)	X1 Y2 (KL type)
Capacitance Range	1pF to 0.01 μ F	1pF to 0.015 μ F
Rated Voltage (U_R)	X1: 760/400Vac Y1: 500/250Vac	X1: 440/400Vac Y2: 300/250Vac
Dielectric Strength	4000VAC(50Hz~60Hz, 50mA max.) for 1minute	2600VAC(50Hz~60Hz, 50mA max.) for 1minute
Capacitance (C_R)	Within the specified tolerance Y5P, Y5U, Y5V, X7R measured at 1KHz \pm 20% C0G, SL measured at 1MHz \pm 20% Both are 1Vrms, 25°C	
Dissipation Factor ($\tan \delta$) or Q Value	SL and C0G: $C_R \geq 30pF, Q \geq 1000$; $C_R < 30pF, Q \geq 400+20C_R$ Measured Condition see "Capacitance"	Y5P, Y5U, X7R: $\tan \delta \leq 0.025$ Y5V: $\tan \delta \leq 0.050$
Insulation Resistance (IR)	10000M Ω minimum at 500VDC for 1 minute	
Operating Temperature Range	-25°C to +125°C (-25°C to +85°C in case of the standard of UL/CSA) -55°C to +125°C for C0G, SL and X7R	

Temperature Characteristic Curves

