

1. 10% tolerance. It looks like yellow violet blue silver, which means 47M ohms, but if its is yellow violet black silver then it is 47 ohms, both with 10% tolerance.
2. If 47Mohms is correct resistance, then $(V^2/R)=.5$ when $V = 4.85kV$, if 47 ohms is correct resistance then, 4.85V.

I will resubmit this prelab once I look at resistor in my hand.