

Electrical Drawing Practice Exam

Part 1. Answer the following questions by marking the best answer among the choices given: [4 points each]

- Examples of passive components include ...
 - Transistor
 - Diode
 - Variable capacitance
- The component shown is classified as ... component.
 - Through-hole
 - Surface-mounted
 - PGA
- The ... resistors have limited accuracy to 1%.
 - Wire-wound
 - Carbon
 - Metal film
- In E12 series resistors, one can find a resistor value of ...
 - 4.7 k Ω
 - 24.1 Ω
 - 3.1 M Ω
- A resistance with 4 color bands: brown, red, orange and gold (from left to right) has a value of ...
 - 34 M $\Omega \pm 2\%$
 - 12 k $\Omega \pm 5\%$
 - 60 $\Omega \pm 10\%$
- A resistance labeled as 8K2K in a schematic diagram has an actual value of ...
 - 8.2 k $\Omega \pm 10\%$
 - 82 k $\Omega \pm 5\%$
 - 82 $\Omega \pm 2\%$
- Rheostats have ... terminals.
 - One
 - Two
 - Three
- Particular types of ... capacitors are used when 1kV DC voltage must be supported.
 - Mica
 - Ceramic
 - Paper
- Varactors are ...
 - Variable diodes
 - Diodes that work as a variable capacitor
 - Capacitors that work as diodes
- A LED is basically a p-n junction diode that emits light when ...
 - Forward biased
 - Reverse biased
 - Not biased

