

UNIT 6: CAPACITORS



LESSON 2

ACTIVITY 1: Read the sentence pair. Choose where the words best fit the blanks.

1 electrolytic capacitor / trimmer capacitor

- A Use a(n) _____ when you have limited space.
- B The _____ can adjust the frequency of an oscillator.

2 capacitor / farad

- A Check the _____ rating for the device.
- B The _____ stores the electric current.

3 ceramic capacitor / tantalum capacitor

- A This radio circuit needs a new _____.
- B If you need one with a filtering function, use a _____.

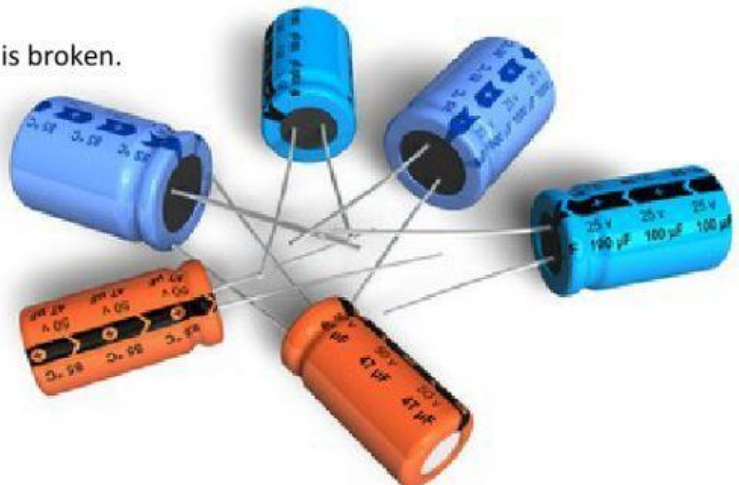
ACTIVITY 2: Fill in the blanks with the correct words and phrases from the word bank.

insulator
plate

mark
range

plastic capacitor
rating

1. Tell me the capacitor's temperature _____.
2. What's the voltage _____?
3. I can't read the _____ on this item.
4. Use a(n) _____ if stability is important.
5. Ceramic is an excellent _____.
6. This capacitor's metal _____ is broken.



ACTIVITY 3: Listen to a conversation between a store clerk and a customer. Choose the correct answers.
AUDIO 44.



- 1 What is the main purpose of the conversation?
 - A to confirm an order
 - B to inquire about a promotion
 - C to order products
 - D to request a repair
- 2 What can you infer about AVE 304050?
 - A Its capacity is two or more microfarads.
 - B It contains a plastic insulator.
 - C It is sold in packages of three units.
 - D It offers protection against humidity.

ACTIVITY 4: Listen again and complete the conversation. Use the words in the box to help you.



Clerk: Thank you for calling Simba Electronics. 1 _____ help you?

Customer: I need some 2 _____, but I'm not sure which model to get.

Clerk: Well, we currently 3 _____ our AVP 345005, which are mylar, very water resistant.

Customer: Actually, I'm repairing a 4 _____ for a remote control, so it doesn't need to be water resistant.

Clerk: No problem. What 5 _____ do you need?

Customer: It has to handle 50 volts and at least 6 _____.

circuit

microfarads

how may I

board

rating

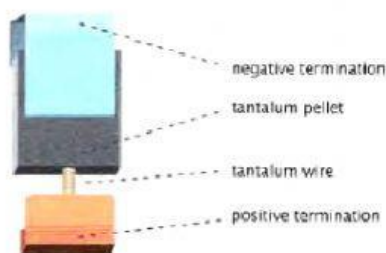
capacitors

have a special on

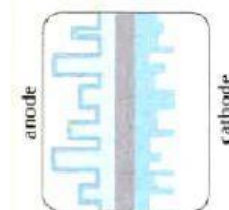
two



trimmer capacitor



tantalum capacitor



electrolytic capacitor

capacitance marks

