



# ***DID YOU KNOW?***

## **VERSATILE LEADED THICK FILM NETWORK COMPONENTS**

### **Thick film networks offer the following advantages:**

1. Save board space (multiple components built into one network)
2. Improved board-level reliability due to decreased solder joints
3. Reduce assembly costs
4. Better performance (better tolerance and ratio matching within the network) compared to individual components

Vishay Dale offers multiple commercial, industrial, and military-qualified networks (resistors, capacitors, and resistor / capacitor combinations) in a variety of packages (SIP, DIP, and SMT in tin-lead and lead (Pb)-free combinations) to serve various customer applications and design needs. In addition to standard offerings, Vishay Dale also has the capability to fully customize the products to customers' needs

## **Networks Product Series**

### **Resistor Networks:**

- [CSC Series](#): commercial (coated SIP)
- [TxxS Series](#): industrial (coated SIP)
- [T14L Series](#): industrial (DIP)
- [SOMC Series](#): industrial (molded DIP SMT; medium wide; 14-, 16-, and 20-terminal packages)
- [SOGC Series](#): industrial (molded DIP SMT; wide body; 16- and 20-terminal packages)

### **Military-Qualified Resistor Networks:**

- [DFM Series](#): Mil-PRF-83401 qualified; flat pack; (industrial version: DFP Series, non-RoHS)
- [MSM Series](#): Mil-PRF-83401 qualified; molded SIP; (industrial version: MSP Series)
- [MDM Series](#): Mil-PRF-M83401 qualified; molded DIP (industrial version: MDP Series)

### **Capacitor Networks:**

- [CS201 Series](#): commercial (coated SIP)
- [MCN Series](#): industrial (molded SIP)

### **Resistor / Capacitor Networks:**

- [CS206 Series](#): commercial (coated SIP)
- [MRCN Series](#): industrial (molded SIP)