The CK717 is an assembly of four matched hermetically sealed germanium diodes. This assembly is designed for use in applications where low shunt capacitance, absence of heater voltage and resistance to changes in humidity and temperature* are important. Each diode is dynamically tested for hysteresis, drift, and flutter. These diodes have extremely uniform electrical characteristics and reliable mechanical stability.

MECHANICAL DATA

ENVELOPE: MT-8 Metal Shell  
BASE: Small Wafer Octal 8-Pin  
TERMINAL CONNECTIONS: See Diagram  
MOUNTING POSITION: Any

ELECTRICAL DATA

RATINGS - ABSOLUTE MAXIMUM VALUES: (at 25°C) ▲

- Inverse Voltage  
- Average Rectified Current  
- Peak Rectified Current  
- Surge Current (for 1 sec.)  
- Ambient Temperature Range  
- 60 volts  
- 50 ma.  
- 150 ma.  
- 500 ma.  
- -50 to +100°C

CHARACTERISTICS: (at 25°C)

- At +1.5 volts, the four crystals have been matched to within 2.5 percent.  
- At -10 volts, the four crystals have been matched to within 2.5 percent, or all have a resistance greater than 1.0 megohm.

* Each diode receives repeated humidity cycling, and additional temperature cycling ranging from -25°C to 130°C.

▲ Each diode.

Tentative Data

RAYTHEON MANUFACTURING COMPANY
RECEIVING AND CATHODE RAY TUBE OPERATIONS

Mov 7, 1955
NEWTON 58, MASS.