The Type 6024 is a broad-band ATR gas switching tube designed to decouple effectively the transmitter from a common transmitting and receiving antenna during a non-transmitting period, in radar applications.

—— ELECTRICAL DATA ——

Center Frequency ................. 2,800 megacycles
Operational Band, nominal ...... 2,650 to 2,950 megacycles
Loaded Q, maximum ............... 2.5
Transmitter Peak Power:
    Minimum .................................. 20 kilowatts
    Maximum .................................. 1,000 kilowatts
Normalized Conductance at Center Frequency .... 0.05
Normalized Susceptance at Center Frequency .... ±0.05
Arc Power Loss,* maximum ........... 0.8 db

—— MECHANICAL DATA ——

Mounting Position ..................... Any
Ambient Temperature Range (non operating) ... -40 to +100 °C
Net Weight, approximate .............. 0.83 pounds

*At a peak power of 20 kilowatts, pulse repetition rate of 1,000 pulses per second, pulse width of 1.0 microseconds and a frequency of 2,800 megacycles.
GASKET

NOTE: GASKET MADE OF BRAIDED BRASS .115" THICK, MOUNTED SECURELY TO TUBE

ALL DIMENSIONS IN INCHES