

5586 – S-Band Pulse Magnetron



Pulse magnetron, mechanically tunable from 2.7 to 2.9 GHz. 30 kV at 70A typical input pulses, 800 kW typical output. Replaces the fixed frequency 4J31 to 4J35 family. 2.3 kg weight.

15/8" (41mm) coaxial output. Forced-air cooled. External magnet, half-indirect cathode.

16V at 3.1A typical heater start supply, voltage must be reduced to 10 V during operation.

Amperex(Philips), EEV, Raytheon, Thomson among known manufacturers. Registered to Raytheon in September 1948. Data available in the [RMA 695](#) record. Also approved as [CV3611](#).