

7077 – UHF/SHF Cermet Low-Level Triode



Ceramic-metal small-size high-gain planar triode.

Low-noise amplifier for frequencies up to 7.5GHz.

Mu 90, typical transconductance 10000 micromhos. 5.5 db noise figure at 450 MHz.

6.3 V at 0.24 A heater.

7077 was capable of operating in severe conditions of mechanical shock or vibration, or nuclear radiations. Used as class B final amplifier at 960 MHz in Pioneer III space probe.

General Electric, July 6, 1959, RMA record [2142](#).