

7815 – UHF Cermet ‘Oil-Can’ Power Triode



UHF planar power triode, ruggedized variants of [2C39](#) with ceramic-metal body. Intended for pulse operations in airborne DME or TACAN transponders. Extended grid-to-anode ceramic spacer for improved insulation at high altitudes. Matrix nickel cathode oxide-impregnated for enhanced emission.

7815 comes without radiator, with a knurled extractor, being conduction cooled through the plate contact fingers. 7815-R is the air-cooled version with integral radiator. 'AL' suffix indicates the airline top-quality selection.

1.6 to 2.5 kw typical output pulses at 3 GHz.

6.0V at 1.0A heater.

Registered to Machlett in April 1961. Data available in the RMA record [3216](#).