



ELECTRONIC TUBE REFERENCE

KIU12A

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Russian pulsed amplifier klystron, frequency band 2797MHz, output power 20MW output/15kW input in pulse.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 45 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Klystron

No fixed ratings recorded.

Pulsed amplifier klystron; Cathode Type: Oxide, Indirect Heating: Envelope: metal, 90x45mm waveguide output/coaxial input: Mass: 60kg: Cooling Method: Forced Water: Frequency Band: 2797MHz: Frequency Band Minimum: 2790MHz: Frequency Band Maximum: 2804MHz: Output Power: 20MW output/15kW input in pulse: Gain, Db: 31dB: Filament Voltage, V: 12: Filament Current, A: 45: Pulse Anode Voltage, Kv: 300kV

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