TUBE TYPE 6373

The 6373 is a subminiature R.F. output pentode for use in battery-operated equipment.

PHYSICAL SPECIFICATIONS.

Base	8 lead subminiature (B8D)
Bulb	Glass T-3
Maximum bulb length	1 3/4" (44.3 mm.)
Maximum bulb diameter	.400 (10.16 mm.)
Minimum lead length	1 9/32" (32 mm.)
Mounting position	Any

BASING CONNECTIONS (8CP)

Lead 1	Internal connection	5	Filament
2	Grid 1	6	No connection
3	No connection	7	Plate
4	Filament, Grid 3	8	Grid 2

GENERAL ELECTRICAL DATA.

Filament Voltage	1.25 volts
Filament Current	0.11 amps

ELECTRODE CAPACITANCES (Measured with external shield)

Plate to grid	0.1 uuF
Input	3.0 uuF
Output	7.0 uuF

MAXIMUM RATINGS (Design Centre Values)

Plate voltage	150 volts
Plate dissipation	1.0 watt
Grid No. 2 voltage	150 volts
Grid No. 2 dissipation	0.45 watts
Grid No. 1 voltage	-30 volts
Cathode current	13 mamps

OPERATING CHARACTERISTICS

Plate voltage	150 volts
Grid No. 2 voltage	90 volts
Grid No. 1 voltage	-7.5 volts
Plate current	6.5 mamps
Grid No. 2 current	1.4 mamps
Mutual conductance	1,500 micromhos

OPERATING CONDITIONS AS CLASS 'C' R.F. AMPLIFIER AT 100 Mc/s.

Plate voltage	150 volts
Grid No. 2 voltage	110 volts
Grid No. 1 voltage	-22 volts
Plate current	10 mamps
Grid No. 2 current	2.8 mamps
Power output	850 mwatts

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