

ELECTRONIC TUBE REFERENCE

5817

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Sperry reflex klystron designed for microwave oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Klystron
No fixed ratings recorded.
Special microwave/gas-discharge section; published electrical data retained as section parameters.

The 5817 is a Sperry reflex klystron intended for oscillator service at microwave frequencies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 Sperry

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1945 SPERRY

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Beam voltage	1000 V	Published datasheet value
Beam voltage	1000 V	Published datasheet value
Beam current	125 mA	Published datasheet value
Beam current	125 mA	Published datasheet value
Beam power input	125 W	Published datasheet value
Beam power input	125 W	Published datasheet value
Reflector current	2 mA	Published datasheet value
Reflector current	2 mA	Published datasheet value

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