



ELECTRONIC TUBE REFERENCE

5981

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Single-cavity reflex velocity-variation klystron designed for 1245–1460 MHz microwave local-oscillator service; co-designated with 5650.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron

No fixed ratings recorded.

Published ratings and characteristics promoted where applicable; additional useful values retained as parameters.

Single-cavity reflex velocity-variation oscillator for 1245 to 1460 MHz microwave local-oscillator service; also designated 5650.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Klystron

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyRange	1245–1460 MHz	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AverageOutputPower	100 mW	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Western Electric Random

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

194X WESTERN ELECTRIC RANDOM

Section 1 · Klystron

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	—
Heater/filament current	450 mA	—
Average power output	0.1 W	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency range	1245–1460 Mc/s	—

TUBE TINKER

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and their source documents.

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