



ELECTRONIC TUBE REFERENCE

6902

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Backward-wave oscillator serving as a voltage-tunable microwave source, using traveling-wave interaction for electronic frequency control.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 TravelingWave

No fixed ratings recorded.

Published source values promoted where applicable; special microwave/counter data retained as parameters.

Backward-wave oscillator for voltage-tunable microwave operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · TravelingWave

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tunable frequency minimum	17500 MHz	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum helix voltage	2000 V	—