

ELECTRONIC TUBE REFERENCE

6435

Specialized - Microwave Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MICROWAVE

Hermetically sealed 5.42 GHz beacon reference cavity for waveguide mounting, used to tune radar local oscillators accurately to beacon systems.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Microwave
No fixed ratings recorded.
Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.

Hermetically sealed beacon reference cavity for waveguide mounting, used to tune radar local oscillators to beacon systems.

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 · Microwave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Reference frequency at 0 C minimum	5419.8 MHz	Published datasheet value
Reference frequency at 65 C maximum	5420.2 MHz	Published datasheet value
Loaded Q minimum	1300	Published datasheet value