ELECTRONIC TUBE REFERENCE

K465

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
KLYSTRON

Ruggedized X-band reflex klystron for highly stable local-oscillator service under extreme shock, vibration, and acceleration.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	6.3 V / 950 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Klystron

No fixed ratings recorded.

Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.

X-band ruggedized reflex klystron for local-oscillator service where high frequency stability is required under extreme shock, vibration, or acceleration.

SOURCE OPERATING CONDITIONS

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Klystron

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency range minimum	**8690 MHz**	Published datasheet value
Frequency range maximum	**9410 MHz**	Published datasheet value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC resonator voltage maximum	**350 V**	Published datasheet value
Cathode current maximum	**40 mA**	Published datasheet value

Tube Tinker

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