

ELECTRONIC TUBE REFERENCE

6AV60

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Toshiba 6.3–6.4 GHz 3 kW continuous-wave klystron amplifier.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 8 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0	Klystron
No fixed ratings recorded.	
CW four-cavity klystron 6325–6425 MHz, output 3 kW, gain 30 dB; collector 10 kV typical.	



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed G 1000

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

9999 MIXED G 1000

Section 0 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Center/operating frequency	6375 MHz	Klystron nominal center 6325–6425 MHz

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	12 V	Heater voltage
Heater/filament current	8 A	Heater current

TUBE TINKER

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and their source documents.

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