



ELECTRONIC TUBE REFERENCE

6713

Specialized - Uncategorized electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

OTHER

Wideband high-vacuum electron-beam noise generator producing broadband reference noise across approximately 0.15–30 MHz for receiver measurement and calibration.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Other	
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	0.8 W
MAXIMUM CATHODE CURRENT	10 mA
<i>Published ratings/characteristics promoted from supplied source; additional conditions retained in parameter table.</i>	

Wide-band high-vacuum electron-beam noise generator for approximately 0.15–30 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1964 RMA EIA

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

1964 RMA EIA

Section 1 · Other

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	150 mA	—
OperatingFrequencyMinimum	0.15 MHz	—
OperatingFrequencyMaximum	30 MHz	—
NoiseOutputMinimum	95 dB above 1uV/MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Target Voltage	200 V	—
BeamFormingVoltage	-100 V	—
Anode Voltage	150 V	—
TargetDissipation	0.8 W	—
Cathode Current Maximum	10 mA	—