

ELECTRONIC TUBE REFERENCE

7971

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Special-quality beam tetrode designed for series or shunt control in stabilized power supplies, offering high transconductance and substantial dissipation as an active regulator element.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.0135 S
AMPLIFICATION FACTOR	5.5
MAXIMUM PLATE VOLTAGE	800 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	28 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	300 mA
Published source ratings and characteristics promoted where applicable; additional data retained as parameters.	

Special-quality beam tetrode for series or shunt control in stabilized power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Ediswan

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

1959 EDISWAN

Section 1 · Beam Power

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Series / shunt control valve	—
Triode-connected operation	Published	TriodeConnection