



ELECTRONIC TUBE REFERENCE

S6F17F

Power - Beam Single (NOT sweep) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Flying-lead special-quality beam tetrode intended for pulse and RF amplifier service under severe shock and vibration, combining rugged construction with approximately 8.3 mS transconductance.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.0083 S
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM SCREEN VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	3.5 W
MAXIMUM SCREEN DISSIPATION	0.7 W

Special-quality indirectly heated pulse beam tetrode with flying leads, intended for pulse and RF amplifiers under shock and vibration conditions.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 AEI Industrial Valves

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

1961 AEI INDUSTRIAL VALVES

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum shock	500 g	ShortDuration
Maximum acceleration	2.5 g	Continuous
Maximum bulb temperature	165 C	—



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[SOURCE PDF](#)

1961 Associated Electrical Industries

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1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · Beam Power

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TUBE TINKER

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