



ELECTRONIC TUBE REFERENCE

S19G6F

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Special-quality indirectly heated high-vacuum half-wave rectifier for high-voltage, low-current supplies, providing approximately 5 kV inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 500 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	5000 V
NOMINAL OUTPUT CURRENT	30 mA
PEAK FORWARD CURRENT	180 mA
WARM-UP TIME	20 s

Special-quality indirectly heated high-vacuum half-wave rectifier.



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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS anode voltage	2000 V	—
Maximum working peak inverse voltage	5000 V	—
Maximum no-load peak inverse voltage	6000 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Associated Electrical Industries

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

1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS anode voltage	2 kV	—
Maximum no-load peak inverse voltage	6 kV	—
Maximum reservoir capacitance	1.1 uF	50Hz
Maximum shock	500 g	ShortDuration
Maximum acceleration	2.5 g	Continuous

TUBE TINKER

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and their source documents.

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