



ELECTRONIC TUBE REFERENCE

4075A

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Directly heated half-wave high-vacuum rectifier, formerly coded VLS.61, for specialized high-voltage service. Rated for approximately 15 kV peak inverse voltage for low-current high-voltage electronic supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	15000 V
NOMINAL OUTPUT CURRENT	3 mA
PEAK FORWARD CURRENT	10 mA
<i>Published ratings and characteristics promoted from approved datasheet.</i>	

4075A is a half-wave high-vacuum rectifier; previously coded VLS.61. The Standard Valves sheet publishes construction, electrical constants, limiting conditions, and applicable operating data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Standard Valves

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

1937 STANDARD VALVES

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak anode current	10 mA	—

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