



ELECTRONIC TUBE REFERENCE

CV261

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Miniature high-vacuum half-wave rectifier for very-high-voltage, low-current supplies. Its compact construction provides multi-kilovolt capability for specialized electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B7G	BASE PINS	7
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	15500 V
NOMINAL OUTPUT CURRENT	5 mA
PEAK FORWARD CURRENT	40 mA
Explicit alias/co-designation; values duplicated from the same approved source.	

Miniature high-vacuum half-wave high-voltage rectifier.

SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum applied RMS voltage	5.5 kV	CapacitorInputFilter
Maximum no-load peak inverse voltage	15.5 kV	CapacitorInputFilter
Recommended reservoir capacitor	0.3 uF	CapacitorInputFilter
Minimum limiting equivalent resistor	50 kOhm	CapacitorInputFilter
Minimum anode-supply delay	30 s	CapacitorInputFilter