

ELECTRONIC TUBE REFERENCE

6BW4

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Miniature indirectly heated full-wave rectifier with relatively high output-current capability. Rated for approximately 1.275 kV peak inverse voltage, 100 mA DC output, and 350 mA peak current.

GENERAL CHARACTERISTICS

|                     |                |                      |               |
|---------------------|----------------|----------------------|---------------|
| BASE DESIGNATION    | —              | BASE PINS            | 9             |
| NOMINAL HEATER      | 6.3 V / 900 mA | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect       | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Common cathode | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                         |        |
|-----------------------------------------------------------------------------------------|--------|
| SECTION1 Rectifier                                                                      |        |
| PEAK INVERSE VOLTAGE                                                                    | 1275 V |
| NOMINAL OUTPUT CURRENT                                                                  | 100 mA |
| PEAK FORWARD CURRENT                                                                    | 350 mA |
| Two identical rectifier sections; represented once under identical-section compression. |        |

|                        |        |
|------------------------|--------|
| SECTION2 Rectifier     |        |
| PEAK INVERSE VOLTAGE   | 1275 V |
| NOMINAL OUTPUT CURRENT | 100 mA |
| PEAK FORWARD CURRENT   | 350 mA |

6BW4 is a Rectifier device. Miniature cathode-type full-wave rectifier with relatively high output-current capability.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1950 Sylvania

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

1950 SYLVANIA

## Section 1 · Rectifier

| OTHER                             |                 |                      |
|-----------------------------------|-----------------|----------------------|
| PARAMETER                         | PUBLISHED VALUE | CONDITION / NOTE     |
| DC output current capacitor-input | 100 mA          | CapacitorInputFilter |
| DC output current choke-input     | 100 mA          | ChokeInputFilter     |



## SOURCE OPERATING CONDITIONS

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# 1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

## Section 1 · Rectifier

| OTHER                                              |                 |                  |
|----------------------------------------------------|-----------------|------------------|
| PARAMETER                                          | PUBLISHED VALUE | CONDITION / NOTE |
| Maximum peak inverse plate voltage                 | 1275 V          | FullWave         |
| Maximum AC plate supply voltage each plate         | 450 V RMS       | FullWave         |
| DC output current                                  | 100 mA          | FullWave         |
| Maximum steady-state peak plate current each plate | 350 mA          | FullWave         |

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

| OTHER                                      |                 |                  |
|--------------------------------------------|-----------------|------------------|
| PARAMETER                                  | PUBLISHED VALUE | CONDITION / NOTE |
| Maximum peak inverse plate voltage         | 1275 V          | FullWave         |
| Maximum AC plate supply voltage each plate | 450 V RMS       | FullWave         |
| DC output current                          | 100 mA          | FullWave         |

### TUBE TINKER

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