

ELECTRONIC TUBE REFERENCE

# GZ37

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Indirectly heated full-wave rectifier for high-current AC power supplies. Its heavy five-volt heater and substantial output capability suit demanding amplifier and professional equipment.

## GENERAL CHARACTERISTICS

|                     |                |                      |               |
|---------------------|----------------|----------------------|---------------|
| BASE DESIGNATION    | —              | BASE PINS            | —             |
| NOMINAL HEATER      | 5 V / 2.8 A    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect       | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Common cathode | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                                                                                                              |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| SECTION1 Rectifier                                                                                                                                                                           |        |
| PEAK INVERSE VOLTAGE                                                                                                                                                                         | 6000 V |
| NOMINAL OUTPUT CURRENT                                                                                                                                                                       | 350 mA |
| PEAK FORWARD CURRENT                                                                                                                                                                         | 750 mA |
| Promoted from published ratings/characteristics where directly applicable; additional published ratings, operating points, capacitances, and test values retained in TUBE_SECTION_PARAMETER. |        |

|                                                                                                     |        |
|-----------------------------------------------------------------------------------------------------|--------|
| SECTION2 Rectifier                                                                                  |        |
| PEAK INVERSE VOLTAGE                                                                                | 6000 V |
| NOMINAL OUTPUT CURRENT                                                                              | 350 mA |
| PEAK FORWARD CURRENT                                                                                | 750 mA |
| Second physical rectifier section; promoted electrical properties populated from identical section. |        |

Indirectly heated full-wave rectifier with a 5-volt heater for AC power-supply service.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1967 Mullard Receiving Tubes for Maintenance

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

## 1967 MULLARD RECEIVING TUBES FOR MAINTENANCE

## Section 1 · Rectifier

| OTHER                        |                 |                                                           |
|------------------------------|-----------------|-----------------------------------------------------------|
| PARAMETER                    | PUBLISHED VALUE | CONDITION / NOTE                                          |
| with a                       | 5 V             | Published in approved GZ37.pdf target datasheet; Section1 |
| P.I.V. max. 1                | 6000 V          | Published in approved GZ37.pdf target datasheet; Section1 |
| i ' (p k l max. (pe r anode) | 750 mA          | Published in approved GZ37.pdf target datasheet; Section1 |
| P.I.V. max                   | 1850 V          | Published in approved GZ37.pdf target datasheet; Section1 |
| lout max. 3                  | 50 mA           | Published in approved GZ37.pdf target datasheet; Section1 |

| CAPACITANCE  |                 |                                                           |
|--------------|-----------------|-----------------------------------------------------------|
| PARAMETER    | PUBLISHED VALUE | CONDITION / NOTE                                          |
| lout 250 250 | 250 mA          | Published in approved GZ37.pdf target datasheet; Section1 |
| lout 350 350 | 350 mA          | Published in approved GZ37.pdf target datasheet; Section1 |

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