



## ELECTRONIC TUBE REFERENCE

## EY70

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**RECTIFIER**

Indirectly heated miniature high-voltage half-wave rectifier for compact electronic supplies. Available manufacturer data confirm the specialized high-voltage role without supporting more detailed numerical claims.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 300 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

**SECTION 1** Rectifier

*No fixed ratings recorded.*

*Published Mullard ratings, characteristics, operating conditions, and capacitances extracted from supplied datasheet.*

Indirectly heated miniature high-voltage rectifier.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1963 Mullard

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

1963 MULLARD

## Section 1 · Rectifier

| CHARACTERISTIC          |                                  |                  |
|-------------------------|----------------------------------|------------------|
| PARAMETER               | PUBLISHED VALUE                  | CONDITION / NOTE |
| HeaterOrFilamentVoltage | 6.3 V                            | —                |
| HeaterOrFilamentCurrent | 300 mA                           | —                |
| Application             | Miniature high-voltage rectifier | —                |

| OTHER                           |                 |                  |
|---------------------------------|-----------------|------------------|
| PARAMETER                       | PUBLISHED VALUE | CONDITION / NOTE |
| HeaterCathodePeakVoltageMaximum | 425 V           | —                |
| Reservoir Capacitance           | 16 uF           | —                |