



## ELECTRONIC TUBE REFERENCE

## EM840

Tuning Indicator electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

## TUNING INDICATOR

Miniature tuning indicator with a luminous vertical target strip deposited on the glass envelope for compact visual tuning and signal-level indication.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 270 mA    | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                        |       |
|----------------------------------------------------------------------------------------|-------|
| SECTION 1 Tuning Indicator                                                             |       |
| MAXIMUM PLATE VOLTAGE                                                                  | 300 V |
| MAXIMUM PLATE DISSIPATION                                                              | 0.5 W |
| MAXIMUM CATHODE CURRENT                                                                | 2 mA  |
| <i>Published ratings and characteristics promoted from the supplied Brimar source.</i> |       |

Miniature tuning indicator with a luminous vertical target strip deposited on the glass.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1955 Lorenz

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

1955 LORENZ

## Section 1 · Tuning Indicator

| APPLICATION  |                 |                  |
|--------------|-----------------|------------------|
| PARAMETER    | PUBLISHED VALUE | CONDITION / NOTE |
| Display type | Magic band      | —                |



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

## Section 1 · Tuning Indicator

| CHARACTERISTIC |                 |                  |
|----------------|-----------------|------------------|
| PARAMETER      | PUBLISHED VALUE | CONDITION / NOTE |
| Heater Voltage | 6.3 V           | —                |
| Heater Current | 250 mA          | —                |

| OTHER                  |                 |                  |
|------------------------|-----------------|------------------|
| PARAMETER              | PUBLISHED VALUE | CONDITION / NOTE |
| Target Voltage Minimum | 150 V           | —                |
| Target Voltage Maximum | 300 V           | —                |

## TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,  
and their source documents.

