



## ELECTRONIC TUBE REFERENCE

# 3K50000LA

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**KLYSTRON**

High-power Eimac klystron amplifier designed for substantial RF output, using multicavity velocity-modulation amplification rather than reflex-oscillator operation.

## GENERAL CHARACTERISTICS

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

## SECTION RATINGS

**SECTION 1** Klystron

*No fixed ratings recorded.*

*Klystron electron-beam section. Schema has no beam-voltage/collector-dissipation promoted fields; those published ratings are preserved below as parameters. MaxCathodeCurrent uses published maximum beam current where available.*

The EIMAC 3K50000LA is a high-power klystron amplifier described in the supplied EIMAC datasheet.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1962 Eimac

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

1962 EIMAC

## Section 1 · Klystron

| OTHER                                                                                                                                  |                 |                  |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| PARAMETER                                                                                                                              | PUBLISHED VALUE | CONDITION / NOTE |
| Driving Power<br>(approximately) <sup>®</sup> - - 33<br>watts tion. The output power<br>is useful power measured in<br>a load circuit. | —               | —                |

### TUBE TINKER

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and their source documents.

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