

ELECTRONIC TUBE REFERENCE

CK5873

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA  
2 SECTIONS  
CONSTRUCTION  
TRIODE-TRIODE

Subminiature double triode designed for voltage-amplifier service, providing two compact triode sections for miniature electronic equipment.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | 8K                | BASE PINS            | 8             |
| NOMINAL HEATER      | 6.3 V / 300 mA    | PARALLEL HEATER      | – / –         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

8K - TERMINAL PINOUT

| TERMINAL   | SECTION | ELEMENT              | STATUS    |
|------------|---------|----------------------|-----------|
| PIN1 – IC  | –       | –                    | IC        |
| PIN2 – H   | –       | H – Heater           | CONNECTED |
| PIN3 – 1P  | A       | P – Plate (Anode)    | CONNECTED |
| PIN4 – 1G2 | A       | G2 – Screen Grid     | CONNECTED |
| PIN4 – 1G4 | A       | G4 – Fourth Grid     | CONNECTED |
| PIN5 – 1G1 | A       | G1 – Control Grid    | CONNECTED |
| PIN5 – 2G1 | B       | G1 – Control Grid    | CONNECTED |
| PIN6 – 2P  | B       | P – Plate (Anode)    | CONNECTED |
| PIN7 – H   | –       | H – Heater           | CONNECTED |
| PIN8 – K   | A       | K – Cathode          | CONNECTED |
| CAP1 – 1G3 | A       | G3 – Suppressor Grid | CONNECTED |

SECTION RATINGS

|                                                                                                    |          |
|----------------------------------------------------------------------------------------------------|----------|
| <b>SECTION1</b> Triode                                                                             |          |
| <b>TRANSCONDUCTANCE</b>                                                                            | 0.0029 S |
| <b>AMPLIFICATION FACTOR</b>                                                                        | 22       |
| <i>Subminiature double triode for voltage-amplifier service; published values are per section.</i> |          |

|                                                                             |          |
|-----------------------------------------------------------------------------|----------|
| <b>SECTION2</b> Triode                                                      |          |
| <b>TRANSCONDUCTANCE</b>                                                     | 0.0029 S |
| <b>AMPLIFICATION FACTOR</b>                                                 | 22       |
| <i>Second physical triode section; electrically identical twin section.</i> |          |

CK5873 is a DualTriode tube listed by Raytheon for voltage amplifier service. Subminiature double triode for voltage-amplifier service; published values are per section.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 195X Raytheon Special Purpose Tubes

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

## 195X RAYTHEON SPECIAL PURPOSE TUBES

## Section 1 · Triode

| OTHER                |                 |                  |
|----------------------|-----------------|------------------|
| PARAMETER            | PUBLISHED VALUE | CONDITION / NOTE |
| Plate voltage        | 150 V           | EachUnit         |
| Control-grid voltage | -3 V            | EachUnit         |
| Plate current        | 9 mA            | EachUnit         |

## TUBE TINKER

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and their source documents.

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