

查询3HS8供应商

捷多邦, 专业PCB打样工厂

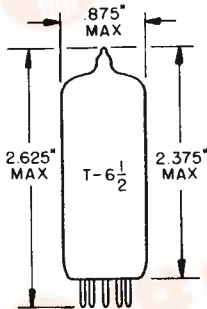
TUNG-SOL, 24小时加急出货

TWIN PENTODE
MINIATURE TYPE

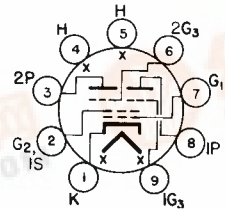
COATED UNIPOTENTIAL CATHODE

FOR T.V. APPLICATIONS

ANY MOUNTING POSITION



GLASS BULB
SMALL BUTTON
9 PIN BASE E9-1
OUTLINE DRAWING
JEDEC 6-3



BOTTOM VIEW
BASING DIAGRAM
JEDEC 9FG

THE 3HS8 IS A MINIATURE TWIN PENTODE THAT INCORPORATES SEPARATE PLATES AND #3 GRIDS FOR THE TWO SECTIONS TOGETHER WITH A COMMON SCREEN, #1 GRID, AND CATHODE. IT IS INTENDED FOR USE AS A COMBINED SYNC-AGC TUBE IN TELEVISION RECEIVERS. EXCEPT FOR HEATER RATINGS AND HEATER WARM-UP TIME, THE 3HS8 IS IDENTICAL TO THE 4HS8 AND THE 6HS8.

DIRECT INTERELECTRODE CAPACITANCES - APPROX.

WITHOUT EXTERNAL SHIELD

| | | |
|--|-------|----|
| GRID #3 TO PLATE, EACH SECTION | 2.0 | pf |
| GRID #1 TO ALL | 6.0 | pf |
| GRID #3 (EACH SECTION) TO ALL | 3.6 | pf |
| PLATE (EACH SECTION) TO ALL | 3.0 | pf |
| GRID #3 (SECTION 1) TO GRID #3 (SECTION 2), MAX. | 0.015 | pf |

HEATER RATINGS AND CHARACTERISTICS

DESIGN-MAXIMUM VALUES - SEE EIA STANDARD RS-239

| | | | | |
|--|------|-------|----------|---------|
| AVERAGE CHARACTERISTICS | 3.15 | VOLTS | 600 | MA. |
| HEATER WARM-UP TIME ^A | | | 11 | SECONDS |
| HEATER SUPPLY LIMITS: CURRENT OPERATION | | | 600 ± 40 | MA. |
| MAXIMUM HEATER-CATHODE VOLTAGE: | | | | |
| HEATER POSITIVE WITH RESPECT TO CATHODE | | | | |
| DC COMPONENT | | | 100 | VOLTS |
| TOTAL DC AND PEAK | | | 200 | VOLTS |
| HEATER NEGATIVE WITH RESPECT TO CATHODE | | | | |
| TOTAL DC AND PEAK | | | 200 | VOLTS |
| HEATER WARM-UP TIME ^A | | | 11 | SECONDS |

^A HEATER WARM-UP TIME IS DEFINED AS THE TIME REQUIRED FOR THE VOLTAGE ACROSS THE HEATER TO REACH 80% OF ITS RATED VOLTAGE AFTER APPLYING 4 TIMES RATED HEATER VOLTAGE TO A CIRCUIT CONSISTING OF THE TUBE HEATER IN SERIES WITH A RESISTANCE OF VALUE 3 TIMES THE NOMINAL HEATER OPERATING RESISTANCE.



TUNG-SOL

CONTINUED FROM PRECEDING PAGE

MAXIMUM RATINGS

DESIGN MAXIMUM VALUES - SEE EIA STANDARD RS-239

| | | |
|---|------|--------|
| PLATE VOLTAGE, EACH SECTION | 500 | VOLTS |
| SCREEN VOLTAGE | 150 | VOLTS |
| POSITIVE DC GRID #3 VOLTAGE, EACH SECTION | 3.0 | VOLTS |
| NEGATIVE DC GRID #3 VOLTAGE, EACH SECTION | 50 | VOLTS |
| PEAK POSITIVE GRID #3 VOLTAGE, EACH SECTION | 50 | VOLTS |
| NEGATIVE DC GRID #1 VOLTAGE | 50 | VOLTS |
| PLATE DISSIPATION, EACH SECTION | 1.1 | WATTS |
| SCREEN DISSIPATION | 0.75 | WATT |
| DC CATHODE CURRENT | 12 | MA. |
| GRID #1 CIRCUIT RESISTANCE | 0.5 | MEGOHM |
| GRID #3 CIRCUIT RESISTANCE, EACH SECTION | 0.5 | MEGOHM |

TYPICAL OPERATING CHARACTERISTICS

AVERAGE CHARACTERISTICS - BOTH SECTIONS OPERATING

| | | | |
|-------------------------------|------|------|-------|
| PLATE VOLTAGE, EACH SECTION | 100 | 100 | VOLTS |
| SCREEN VOLTAGE | 67.5 | 67.5 | VOLTS |
| GRID #3 VOLTAGE, EACH SECTION | -10 | 0 | VOLTS |
| GRID #1 VOLTAGE ^B | | | |
| PLATE CURRENT, EACH SECTION | --- | 2.0 | MA. |
| SCREEN CURRENT | 7.0 | 4.4 | MA. |
| CATHODE CURRENT | 7.1 | 8.5 | MA. |

AVERAGE CHARACTERISTICS - EACH SECTION SEPARATELY

WITH PLATE & GRID #3 OF OPPOSITE SECTION GROUNDED

| | | | |
|----------------------------|------|------|-------|
| PLATE VOLTAGE | 100 | 100 | VOLTS |
| SCREEN VOLTAGE | 67.5 | 67.5 | VOLTS |
| GRID #3 VOLTAGE | 0 | 0 | VOLTS |
| GRID #1 VOLTAGE | 0 | B | VOLTS |
| GRID #3 TRANSCONDUCTANCE | --- | 450 | μMHOS |
| GRID #1 TRANSCONDUCTANCE | 1100 | --- | μMHOS |
| PLATE CURRENT | --- | 2.0 | MA. |
| GRID #3 VOLTAGE, (APPROX.) | | | |
| AT $I_b = 100 \mu A$ | --- | -3.5 | VOLTS |
| GRID #1 VOLTAGE, (APPROX.) | | | |
| $I_b = 100 \mu A$ | --- | -2.5 | VOLTS |

B

WITH GRID CURRENT ADJUSTED FOR 100 MICROAMPERES DC.