



## ELECTRONIC TUBE REFERENCE

# 3CW25000A3

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**

CONSTRUCTION

**TRIODE**

Water-cooled ceramic-metal power triode designed primarily for industrial radio-frequency heating, with a 25-kilowatt anode-dissipation class.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 152 A     | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                                         |         |
|-------------------------------------------------------------------------------------------------------------------------|---------|
| <b>SECTION 1</b> Triode                                                                                                 |         |
| AMPLIFICATION FACTOR                                                                                                    | 20      |
| MAXIMUM PLATE VOLTAGE                                                                                                   | 10000 V |
| MAXIMUM PLATE DISSIPATION                                                                                               | 25000 W |
| MAXIMUM GRID DISSIPATION                                                                                                | 500 W   |
| MAXIMUM CATHODE CURRENT                                                                                                 | 6 A     |
| <i>Single triode section; promoted values mapped from printed General Characteristics and Maximum Ratings headings.</i> |         |

The Eimac 3CW25,000A3 is a water-cooled, ceramic-metal power triode designed primarily for use in industrial radio-frequency heating services. Its water-cooled anode is rated at 25 kilowatts of plate dissipation with low water flow and pressure drop. Full input of 60 kilowatts is permissible up to 100 megacycles. Plentiful reserve emission is available from its one kilowatt filament. The grid structure is rated at 500 watts making this tube an excellent choice for severe applications. It is also recommended as a grounded grid FM amplifier, a conventional plate- modulated amplifier or as a linear amplifier in new equipment designs.

## SOURCE OPERATING CONDITIONS

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## 1962 Eimac

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

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## Section 1 · Triode

| CHARACTERISTICS                                                              |                    |                                                                                                 |
|------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------|
| PARAMETER                                                                    | PUBLISHED VALUE    | CONDITION / NOTE                                                                                |
| The Eimac 3CW25,000A3 is a water-cooled, ceramic-metal power triode designed | <b>3 a</b>         | The Eimac 3CW25,000A3 is a water-cooled, ceramic-metal power triode designed                    |
| Voltage . . . . . 6.3 volts                                                  | <b>6.3 volts</b>   | GeneralCharacteristics   Voltage . . . . . 6.3 volts                                            |
| Current . . . . . 152 172 amperes                                            | <b>152 amperes</b> | GeneralCharacteristics   Current . . . . . 152 172 amperes                                      |
| Amplification Factor . . 20                                                  | <b>20</b>          | GeneralCharacteristics   Amplification Factor . . 20                                            |
| Frequency for Maximum Rcmngs. C e e e e e e e e e e e e e e e e 100 Mc       | <b>100 Mc</b>      | GeneralCharacteristics   Frequency for Maximum Rcmngs. C e e e e e e e e e e e e e e e e 100 Mc |

| OTHER                                                                    |                   |                                                                                              |
|--------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------|
| PARAMETER                                                                | PUBLISHED VALUE   | CONDITION / NOTE                                                                             |
| Ceramic-to-Metal Seals . . 250°C                                         | <b>250 °C</b>     | Ceramic-to-Metal Seals . . 250°C                                                             |
| Height 9.4 inches                                                        | <b>9.4 inches</b> | Height 9.4 inches                                                                            |
| Diameter 5.0 inches                                                      | <b>5 inches</b>   | Diameter 5.0 inches                                                                          |
| Net Weight . 12 pounds                                                   | <b>12 pounds</b>  | Net Weight . 12 pounds                                                                       |
| RF INDUSTRIAL OSCILLATOR DC Plate Voltage . . . . 7000 10,000 volts      | <b>7000 volts</b> | TYPICAL OPERATION   RF INDUSTRIAL OSCILLATOR DC Plate Voltage . . . . 7000 10,000 volts      |
| Class-C (Filtered DC Power Supply) DC Plate Current . . . . 6.0 6.0 amps | <b>6 amps</b>     | TYPICAL OPERATION   Class-C (Filtered DC Power Supply) DC Plate Current . . . . 6.0 6.0 amps |
| DC Grid Voltage . . . . -600 -800 volts                                  | <b>-600 volts</b> | TYPICAL OPERATION   DC Grid Voltage . . . . -600 -800 volts                                  |

| PARAMETER                                                                                | PUBLISHED VALUE    | CONDITION / NOTE                                                                                          |
|------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|
| DC PLATE VOLTAGE . . . . .<br>10,000 VOLTS Peak Positive<br>Grid Voltage . 440 360 volts | <b>10000 VOLTS</b> | MaximumRatings   DC PLATE VOLTAGE . . . . .<br>10,000 VOLTS Peak Positive Grid Voltage . 440<br>360 volts |
| DC PLATE CURRENT . . . . .<br>6.0 AMPS Driving Power . . .<br>. . 660 365 watts          | <b>6 AMPS</b>      | MaximumRatings   DC PLATE CURRENT . . . . .<br>6.0 AMPS Driving Power . . . . . 660 365 watts             |
| DC GRID CURRENT . . . . .<br>. 10 AMP Plate Input Power .<br>. . . 42                    | <b>10 AMP</b>      | MaximumRatings   DC GRID CURRENT . . . . .<br>10 AMP Plate Input Power . . . 42                           |
| PLATE INPUT POWER. . . . .<br>. 60 Kw Plate Dissipation .<br>. . . 12                    | <b>60 Kw</b>       | MaximumRatings   PLATE INPUT POWER. . . . .<br>. . 60 Kw Plate Dissipation . . . 12                       |
| PLATE DISSIPATION . . . . .<br>. . 25 KW                                                 | <b>25 KW</b>       | MaximumRatings   PLATE DISSIPATION . . . . .<br>. 25 KW                                                   |
| Class-C DC Plate Voltage . .<br>. . . 5000 7000 volts                                    | <b>5000 volts</b>  | PLATE-MODULATED TYPICAL OPERATION  <br>Class-C DC Plate Voltage . . . . . 5000 7000 volts                 |
| DC PLATE VOLTAGE 7000 MAX.<br>VOLTS DC Plate Current . . .<br>. . . 5.0 5.0 amps         | <b>7000 VOLTS</b>  | MaximumRatings   DC PLATE VOLTAGE 7000<br>MAX. VOLTS DC Plate Current . . . . . 5.0 5.0<br>amps           |
| DC PLATE CURRENT 5.0 MAX.<br>AMPS DC Grid Current . . . .<br>. . 600 600 mA              | <b>5 AMPS</b>      | MaximumRatings   DC PLATE CURRENT 5.0<br>MAX. AMPS DC Grid Current . . . . . 600 600<br>mA                |
| PLATE DISSIPATION 16.5 MAX.<br>KW Driving Power . . . . .<br>600 750 watts               | <b>16.5 KW</b>     | MaximumRatings   PLATE DISSIPATION 16.5<br>MAX. KW Driving Power . . . . . 600 750 watts                  |
| GRID DISSIPATION 500 MAX.<br>WATTS Plate Output Power . .<br>. . . 17.8 27.5 kW          | <b>500 WATTS</b>   | MaximumRatings   GRID DISSIPATION 500<br>MAX. WATTS Plate Output Power . . . . . 17.8<br>27.5 kW          |
| DC Plate Voltage . . . . .<br>7000 10000 volts                                           | <b>7000 volts</b>  | RADIO-FREQUENCY TYPICAL OPERATION  <br>DC Plate Voltage . . . . . 7000 10000 volts                        |
| DC PLATE VOLTAGE 10000 MAX.<br>VOLTS Zero-Sig Plate Current<br>. . . . ' 2.0 2.0 amps    | <b>10000 VOLTS</b> | MaximumRatings   DC PLATE VOLTAGE 10000<br>MAX. VOLTS Zero-Sig Plate Current . . . . ' 2.0<br>2.0 amps    |
| DC PLATE CURRENT 6.0 MAX.<br>AMPS Max-Sig DC Plate<br>Current . . . 6.0 6.0 amps         | <b>6 AMPS</b>      | MaximumRatings   DC PLATE CURRENT 6.0<br>MAX. AMPS Max-Sig DC Plate Current . . . 6.0<br>6.0 amps         |
| PLATE DISSIPATION 25 MAX. KW<br>Max-Sig DC Grid Current . .<br>. 375 333 mA              | <b>25 KW</b>       | MaximumRatings   PLATE DISSIPATION 25<br>MAX. KW Max-Sig DC Grid Current . . . 375 333<br>mA              |
| GRID DISSIPATION 500 MAX.<br>WATTS Peak RF Grid Voltage .<br>. . . 530 700 volts         | <b>500 WATTS</b>   | MaximumRatings   GRID DISSIPATION 500<br>MAX. WATTS Peak RF Grid Voltage . . . 530<br>700 volts           |
|                                                                                          |                    |                                                                                                           |

| PARAMETER                                                                                                      | PUBLISHED VALUE    | CONDITION / NOTE                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| * Adjust to give specified zero-signal dc plate current<br>Driving Power . . . . .<br>200 240 watts            | <b>200 watts</b>   | MaximumRatings   * Adjust to give specified zero-signal dc plate current Driving Power . . . . .<br>.. 200 240 watts                                                                                    |
| Plate Output Power . . . . .<br>26.4 41 kW                                                                     | <b>26.4 kW</b>     | MaximumRatings   Plate Qutput Power . . . . .<br>26.4 41 kW                                                                                                                                             |
| Filament—The rated filament voltage for the 3CW- service and for Class AB applications. When used as a         | <b>3 a</b>         | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   Filament—The rated filament voltage for the 3CW- service and for Class AB applications. When used as a       |
| 25,000A3 is 6.3 volts.<br>Filament voltage, as measured plate modulated rf amplifier, input is reduced to 7000 | <b>25000 volts</b> | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   25,000A3 is 6.3 volts. Filament voltage, as measured plate modulated rf amplifier, input is reduced to 7000  |
| at the socket, must be maintained at 6.3 volts plus or volts at 5.0 amperes dc. Maximum input may be ex        | <b>6.3 volts</b>   | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   at the socket, must be maintained at 6.3 volts plus or volts at 5.0 amperes dc. Maximum input may be ex-     |
| operate with more than 0.4 to 0.6 amperes grid current                                                         | <b>0.4 amperes</b> | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   operate with more than 0.4 to 0.6 amperes grid current                                                       |
| mum grid dissipation rating is 500 watts. High Frequency Operation—The 3CW25,000A3 is                          | <b>500 watts</b>   | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   mum grid dissipation rating is 500 watts. High Frequency Operation—The 3CW25,000A3 is                        |
| usable to 140 Mc. At this frequency, plate voltage must                                                        | <b>140 Mc</b>      | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   usable to 140 Mc. At this frequency, plate voltage must                                                      |
| Plate Operation—The maximum plate input power be reduced to 7000 volts in class A, B or C service. For         | <b>7000 volts</b>  | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   Plate Operation—The maximum plate input power be reduced to 7000 volts in class A, B or C service. For       |
| rating is 60 kilowatts at 10,000 volts and 6.0 amperes plate-modulated applications at 140 Mc, plate voltage   | <b>60 volts</b>    | Note: “TYPICAL OPERATION” data are obtained by calculation from published characteristic   rating is 60 kilowatts at 10,000 volts and 6.0 amperes plate-modulated applications at 140 Mc, plate voltage |
|                                                                                                                |                    |                                                                                                                                                                                                         |

| PARAMETER                                                                                               | PUBLISHED VALUE   | CONDITION / NOTE                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| de. This rating applies for Class C amplifier or oscillator is reduced to 5500 volts                    | <b>5500 volts</b> | Note: "TYPICAL OPERATION" data are obtained by calculation from published characteristic   de. This rating applies for Class C amplifier or oscillator is reduced to 5500 volts.                   |
| area shown as "V" on the outline drawing. 10 6 0.2                                                      | <b>10 V</b>       | Note: "TYPICAL OPERATION" data are obtained by calculation from published characteristic   area shown as "V" on the outline drawing. 10 6 0.2                                                      |
| With the tube in the anode-up position the water inlet peratures below the 250°C maximum. Approximately | <b>250 °C</b>     | Note: "TYPICAL OPERATION" data are obtained by calculation from published characteristic   With the tube in the anode-up position the water inlet peratures below the 250°C maximum. Approximately |
| must be limited to 60°C or below, outlet water tem- given here, write to Power Grid Marketing, Eitel    | <b>60 °C</b>      | Note: "TYPICAL OPERATION" data are obtained by calculation from published characteristic   must be limited to 60°C or below, outlet water tem- given here, write to Power Grid Marketing, Eitel-   |
| perature must not exceed 70°C nor should inlet water McCullough, Inc., 301 Industrial Way, San Carlos,  | <b>70 °C</b>      | Note: "TYPICAL OPERATION" data are obtained by calculation from published characteristic   perature must not exceed 70°C nor should inlet water McCullough, Inc., 301 Industrial Way, San Carlos,  |



## SOURCE OPERATING CONDITIONS

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# 1965 Eimac Tube Manual

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

## 1965 EIMAC TUBE MANUAL

### Section 1 · Triode

| OTHER         |                 |                                                                                      |
|---------------|-----------------|--------------------------------------------------------------------------------------|
| PARAMETER     | PUBLISHED VALUE | CONDITION / NOTE                                                                     |
| The Eimac [1] | <b>3 W</b>      | The Eimac 3CW25,000A3 is a water-cooled, ceramic-metal power triode designed         |
| The Eimac [2] | <b>5000 W</b>   | The Eimac 3CW25,000A3 is a water-cooled, ceramic-metal power triode designed         |
| is rated at   | <b>25 W</b>     | is rated at 25 kilowatts of plate dissipation with low water flow and pressure drop. |
|               |                 |                                                                                      |

| PARAMETER                                                                            | PUBLISHED VALUE | CONDITION / NOTE                                                                         |
|--------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|
| Full input of                                                                        | <b>60 MHz</b>   | Full input of 60 kilowatts is permissible up to 100 megacycles. Plentiful reserve        |
| emission is available from its one kilowatt filament. The grid structure is rated at | <b>500</b>      | emission is available from its one kilowatt filament. The grid structure is rated at 500 |
| Voltage                                                                              | <b>6.3 V</b>    | Voltage . . . 6.3                                                                        |
| Current                                                                              | <b>152 A</b>    | Current . . . 152                                                                        |
| Frequency for Maximum Ratings                                                        | <b>100</b>      | Frequency for Maximum Ratings . 100 Mc                                                   |
| Ceramic-to-Metal Seals                                                               | <b>250</b>      | Ceramic-to-Metal Seals . . . . . 250OC                                                   |
| DCplatecurrent [1]                                                                   | <b>6 A</b>      | DCplatecurrent . . . 6.0 6.0 amps                                                        |
| DCplatecurrent [2]                                                                   | <b>6 A</b>      | DCplatecurrent . . . 6.0 6.0 amps                                                        |
| Class-C (Filtered DC Power Supply) [1]                                               | <b>-600 W</b>   | Class-C (Filtered DC Power Supply) -600 -800 volts                                       |
| Class-C (Filtered DC Power Supply) [2]                                               | <b>-800 W</b>   | Class-C (Filtered DC Power Supply) -600 -800 volts                                       |
| DCGridcurrent [1]                                                                    | <b>66 A</b>     | DCGridcurrent . . . .66 .315                                                             |
| DCGridcurrent [2]                                                                    | <b>315 A</b>    | DCGridcurrent . . . .66 .315                                                             |
| DC PLATE VOLTAGE [1]                                                                 | <b>10000 V</b>  | DC PLATE VOLTAGE . . . . 10,000 VOLTS Peak Positive Grid Voltage 440 360                 |
| DC PLATE VOLTAGE [2]                                                                 | <b>440 V</b>    | DC PLATE VOLTAGE . . . . 10,000 VOLTS Peak Positive Grid Voltage 440 360                 |
| DC PLATE VOLTAGE [3]                                                                 | <b>360 V</b>    | DC PLATE VOLTAGE . . . . 10,000 VOLTS Peak Positive Grid Voltage 440 360                 |
| DC PLATE CURRENT [1]                                                                 | <b>6 A</b>      | DC PLATE CURRENT . . . . 6.0 AMPS Driving power . . . 660 365                            |
| DC PLATE CURRENT [2]                                                                 | <b>660 A</b>    | DC PLATE CURRENT . . . . 6.0 AMPS Driving power . . . 660 365                            |
| DC PLATE CURRENT [3]                                                                 | <b>365 A</b>    | DC PLATE CURRENT . . . . 6.0 AMPS Driving power . . . 660 365                            |
| DC GRID CURRENT [1]                                                                  | <b>1 A</b>      | DC GRID CURRENT . . . . . 1.0 AMP PlateInputpower. . . 4260                              |
| DC GRID CURRENT [2]                                                                  | <b>4260 A</b>   | DC GRID CURRENT . . . . . 1.0 AMP PlateInputpower. . . 4260                              |
| Plate Dissipation                                                                    | <b>1218 W</b>   | PlateDissipation . . . 1218                                                              |
| PLATE INPUT POWER                                                                    | <b>60 kW</b>    | PLATE INPUT POWER . . . . . 60 KW                                                        |
| Plateoutputpower                                                                     | <b>3042 W</b>   | Plateoutputpower . . 3042                                                                |

| PARAMETER                            | PUBLISHED VALUE | CONDITION / NOTE                                                     |
|--------------------------------------|-----------------|----------------------------------------------------------------------|
| Class-C DC plate voltage [1]         | <b>0 V</b>      | Class-C DC plate voltage . 000 7000 volts                            |
| Class-C DC plate voltage [2]         | <b>7000 V</b>   | Class-C DC plate voltage . 000 7000 volts                            |
| MAXIMUM RATINGS DCGrid voltage [1]   | <b>600 V</b>    | MAXIMUM RATINGS DCGrid voltage. . 600 -820 volts                     |
| MAXIMUM RATINGS DCGrid voltage [2]   | <b>-820 V</b>   | MAXIMUM RATINGS DCGrid voltage. . 600 -820 volts                     |
| DC PLATE VOLTAGE [1]                 | <b>7000 V</b>   | DC PLATE VOLTAGE 7000 MAX. VOLTS DC platecurrent. . 5.0 5.0 amps     |
| DC PLATE VOLTAGE [2]                 | <b>5 V</b>      | DC PLATE VOLTAGE 7000 MAX. VOLTS DC platecurrent. . 5.0 5.0 amps     |
| DC PLATE VOLTAGE [3]                 | <b>5 V</b>      | DC PLATE VOLTAGE 7000 MAX. VOLTS DC platecurrent. . 5.0 5.0 amps     |
| DC PLATE CURRENT [1]                 | <b>5 mA</b>     | DC PLATE CURRENT 5.0 MA\X. ANIPS DCGridcurrent . . 600 600 mA        |
| DC PLATE CURRENT [2]                 | <b>600 mA</b>   | DC PLATE CURRENT 5.0 MA\X. ANIPS DCGridcurrent . . 600 600 mA        |
| DC PLATE CURRENT [3]                 | <b>600 mA</b>   | DC PLATE CURRENT 5.0 MA\X. ANIPS DCGridcurrent . . 600 600 mA        |
| PLATE DISSIPATION \ [1]              | <b>6.5 W</b>    | PLATE DISSIPATION \6.5 MA:X. K:W Driving Power . . 600 750 watts     |
| PLATE DISSIPATION \ [2]              | <b>600 W</b>    | PLATE DISSIPATION \6.5 MA:X. K:W Driving Power . . 600 750 watts     |
| PLATE DISSIPATION \ [3]              | <b>750 W</b>    | PLATE DISSIPATION \6.5 MA:X. K:W Driving Power . . 600 750 watts     |
| GRID DISSIPATION [1]                 | <b>5 kW</b>     | GRID DISSIPATION 5CJ0 MA:X. WA:ITS Plate Output Power . 17.8 27.5 kw |
| GRID DISSIPATION [2]                 | <b>17.8 kW</b>  | GRID DISSIPATION 5CJ0 MA:X. WA:ITS Plate Output Power . 17.8 27.5 kw |
| GRID DISSIPATION [3]                 | <b>27.5 kW</b>  | GRID DISSIPATION 5CJ0 MA:X. WA:ITS Plate Output Power . 17.8 27.5 kw |
| LINEAR AMPLIFIER Class-A8 [1]        | <b>2 V</b>      | LINEAR AMPLIFIER Class-A82 DC Plate Voltage 7000 10000 volts         |
| LINEAR AMPLIFIER Class-A8 [2]        | <b>7000 V</b>   | LINEAR AMPLIFIER Class-A82 DC Plate Voltage 7000 10000 volts         |
| LINEAR AMPLIFIER Class-A8 [3]        | <b>10000 V</b>  | LINEAR AMPLIFIER Class-A82 DC Plate Voltage 7000 10000 volts         |
| MAXIMUM RATINGS DC Grid Voltage* [1] | <b>-250 V</b>   | MAXIMUM RATINGS DC Grid Voltage* -250 -400 volts                     |
|                                      |                 |                                                                      |

| PARAMETER                            | PUBLISHED VALUE | CONDITION / NOTE                                                            |
|--------------------------------------|-----------------|-----------------------------------------------------------------------------|
| MAXIMUM RATINGS DC Grid Voltage* [2] | <b>-400 V</b>   | MAXIMUM RATINGS DC Grid Voltage* -250 -400 volts                            |
| DC PLATE VOLTAGE [1]                 | <b>10000 V</b>  | DC PLATE VOLTAGE 10000 MAX. VOLTS Zero-Sig Plate Current . 2.0 2.0 amps     |
| DC PLATE VOLTAGE [2]                 | <b>2 V</b>      | DC PLATE VOLTAGE 10000 MAX. VOLTS Zero-Sig Plate Current . 2.0 2.0 amps     |
| DC PLATE VOLTAGE [3]                 | <b>2 V</b>      | DC PLATE VOLTAGE 10000 MAX. VOLTS Zero-Sig Plate Current . 2.0 2.0 amps     |
| DC PLATE CURRENT [1]                 | <b>6 mA</b>     | DC PLATE CURRENT 6.0 MA:X. A:N:PS Max-Sig DC Plate Current 6.0 6.0 amps     |
| DC PLATE CURRENT [2]                 | <b>6 mA</b>     | DC PLATE CURRENT 6.0 MA:X. A:N:PS Max-Sig DC Plate Current 6.0 6.0 amps     |
| DC PLATE CURRENT [3]                 | <b>6 mA</b>     | DC PLATE CURRENT 6.0 MA:X. A:N:PS Max-Sig DC Plate Current 6.0 6.0 amps     |
| PLATE DISSIPATION [1]                | <b>25 mA</b>    | PLATE DISSIPATION 25 MA`X. K:W Max-Sig DC Grid Current 375 333 rnA          |
| PLATE DISSIPATION [2]                | <b>375 mA</b>   | PLATE DISSIPATION 25 MA`X. K:W Max-Sig DC Grid Current 375 333 rnA          |
| PLATE DISSIPATION [3]                | <b>333 mA</b>   | PLATE DISSIPATION 25 MA`X. K:W Max-Sig DC Grid Current 375 333 rnA          |
| GRID DISSIPATloN [1]                 | <b>500 V</b>    | GRID DISSIPATloN .... 500 MA`X. WA:ITS Peak RF Grid Voltage . 530 700 volts |
| GRID DISSIPATloN [2]                 | <b>530 V</b>    | GRID DISSIPATloN .... 500 MA`X. WA:ITS Peak RF Grid Voltage . 530 700 volts |