



## ELECTRONIC TUBE REFERENCE

6325

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Indirectly heated high-voltage full-wave rectifier for substantial power-supply service. Rated for approximately 2.2 kV peak inverse voltage with high rectified-current capability for demanding electronic and industrial DC supplies.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | 6325              | BASE PINS            | 0             |
| NOMINAL HEATER      | 6.3 V / 2.7 A     | PARALLEL HEATER      | – / –         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                              |        |
|------------------------------------------------------------------------------|--------|
| SECTION1 Rectifier                                                           |        |
| PEAK INVERSE VOLTAGE                                                         | 2200 V |
| NOMINAL OUTPUT CURRENT                                                       | 250 mA |
| PEAK FORWARD CURRENT                                                         | 550 mA |
| <i>Published values promoted where clearly attributable to this section.</i> |        |

|                                                                                                              |        |
|--------------------------------------------------------------------------------------------------------------|--------|
| SECTION2 Rectifier                                                                                           |        |
| PEAK INVERSE VOLTAGE                                                                                         | 2200 V |
| NOMINAL OUTPUT CURRENT                                                                                       | 250 mA |
| PEAK FORWARD CURRENT                                                                                         | 550 mA |
| <i>Second physical rectifier section; electrical properties populated from applicable published ratings.</i> |        |

The 6325 is a other described in the approved English datasheet.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 195X General Electric Essential Characteristics

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

## 195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

## Section 1 · Rectifier

| OTHER                                |                 |                  |
|--------------------------------------|-----------------|------------------|
| PARAMETER                            | PUBLISHED VALUE | CONDITION / NOTE |
| DC output current maximum            | 250 mA          | FullWave         |
| Peak inverse voltage maximum         | 2200 V          | FullWave         |
| RMS supply voltage per plate maximum | 780 V           | FullWave         |
| Peak current per plate maximum       | 550 mA          | FullWave         |

## 195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

## Section 2 · Rectifier

| OTHER                                |                 |                  |
|--------------------------------------|-----------------|------------------|
| PARAMETER                            | PUBLISHED VALUE | CONDITION / NOTE |
| DC output current maximum            | 250 mA          | FullWave         |
| DC output current maximum            | 250 mA          | FullWave         |
| Peak inverse voltage maximum         | 2200 V          | FullWave         |
| RMS supply voltage per plate maximum | 780 V           | FullWave         |
| Peak current per plate maximum       | 550 mA          | FullWave         |

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