

SYLVANIA ELECTRIC

RMA Registration Data

TYPE 26BK6

DOUBLE - DIODE TRIODE

MECHANICAL DATA

| | |
|--------------------------------|------------------------------|
| Style | miniature |
| Cathode | coated, unipotential |
| Bulb | T-5 1/2 |
| Base | E7-1, miniature button 7-pin |
| Outline | 5-3 |
| Maximum Diameter | 3/4 inch |
| Maximum Overall Length | 2 5/8 inches |
| Maximum Seated Height | 2 3/8 inches |
| Basing | 7BT-0-2 |
| <i>Pin Connections:</i> | |
| Pin 1 .. grid | Pin 5 .. #2 diode plate |
| Pin 2 .. cathode, diode shield | Pin 6 .. #1 diode plate |
| Pin 3 .. heater | Pin 7 .. triode plate |
| Pin 4 .. heater | |
| Mounting Position | any |

ELECTRICAL DATA

DIRECT INTERELECTRODE CAPACITANCES

| | <u>without shield</u> | <u>with shield</u> ⁽¹⁾ |
|-----------------------------------|-----------------------|-----------------------------------|
| #2 Diode Input: #2p to (h+k+i.s.) | 1.0 | 1.0 μf |
| #1 Diode Input: #1p to (h+k+i.s.) | 1.0 | 1.0 μf |
| #1 Diode Plate to Grid, maximum | .013 | .01 μf |

RATINGS -- Design Center Values

| | | |
|---|------|----------|
| Heater Voltage (ac or dc) | 26.5 | volts |
| Maximum Heater-Cathode Voltage | 90 | volts |
| Maximum Plate Voltage (dc) | 300 | volts |
| Maximum Positive Grid Voltage (dc) | 0 | volts |
| Maximum Continuous Diode Current (each plate).. | 1.0 | milliamp |

CHARACTERISTICS

| | | | |
|--|--------|--------|-----------|
| Heater Voltage | 26.5 | 26.5 | volts |
| Heater Current | 70 | 70 | milliamps |
| Plate Voltage (dc) | 100 | 250 | volts |
| Grid Voltage (dc) | -1 | -2 | volts |
| Plate Resistance | 80,000 | 62,500 | ohms |
| Plate Current | 0.5 | 1.2 | milliamps |
| Transconductance | 1,250 | 1,600 | micromhos |
| Amplification Factor | 100 | 100 | |
| Diode Current, at 10 volts dc (each plate) | | | |
| Minimum | | 1.5 | milliamps |
| Average | | 4.0 | milliamps |

(1) External shield #316
connected to Pin 2.