SILVANIA HHECTRIC PRODUCTS INC.
Type 1B27

| 师ectrical Data - General |  |  |
| :---: | :---: | :---: |
| Thaing Range* | 600 to 3000 | Mc |
| Leakage Power** (at $5 \mathrm{Kw}, 1000 \mathrm{pps}, 0.5 \mathrm{u}$ sec.) : |  |  |
| zero keep-allve current | 40 | unt max, |
| 100 uAdc keep-alive current | 25 | mw max. |
| Intrinsic Q (at zero keep-silive current) | 2250 | min. |
| Ieep-Alive Interactio = (at 200 usde) | 0.1 | db max. |
| Hecovery Time (at $50 \mathrm{Kw} ; 3 \mathrm{db}$ down) |  | us sec. max |
| Frequency Change with Tenperature ( 0 to $100^{\circ} \mathrm{C}$ ) | 0 to-10 | Mc |
| Keep-Alive Voltage Drop (at 100 uAde) | 415 to 525 | Vde |
| Keep-Alive Ignition Time | 5.0 | sec. max. |
| Keep-alive Starting Voltage | -750 | Vde max. |

Mechanical Data - General
Fhumber of Keep-Alive Mlectrodes One
Net Weight (approximate) 20 oz.
Mounting Position
Any
Mounting
In Bxternal Cavity
Dimensions
(See Outline Drawing)

## Ratinge

Maximum Transmitter Peak Power 150 Kw
Keepmallve Supply Foltage (open circuit) -750 to $-1,000$ Vdc
Keep-alive Current $\quad 100$ to 200 ubaje
Ambient Temperature Range (non-Operating) $\quad-40$ to $+100 \quad{ }^{\circ} \mathrm{C}$

[^0]
## SYLVANIA ELECTRIC PRODUCTS INC. OUTLINE DRAWING <br> TYPE IB27



NOTE I. CONTACT DISCS CONCENTRIC WITH RESPECT TO EACH OTHER WITHIN $\frac{1 "}{64}$
NOTE 2. CYLINDRICAL LENGTH LOGATED CENTRALLY BETWEEN CONTACT DISCS.
NOTE 3. CONTACT PORTION OF DISC.


[^0]:    * With fixed cavity, using twaing mechanism on tube. legion of operation depends on cavity.
    ** Total averaged over pulse.
    mo $12 / 15 / 47$

