MECHANICAL DATA
Ambient Temperature Range ............ -40 to +100° C
Mounting Position ................. Any, RG51/U Input, RG52/U
                             Output Waveguide

ELECTRICAL DATA
FREQUENCY RANGE .............. 8490 to 9578 Mc
                             VSWR
8490 and 9578 Mc ............... 1.9 Max.
8565 to 9487 Mc ............... 1.4 Max.

IGNITOR CHARACTERISTICS
Open Circuit Voltage ............... -650 Volts dc
Current ................................ 100 µA dc
Voltage Drop ....................... 200 to 375 Volts dc

LOW POWER LEVEL UNFIRED CHARACTERISTICS
Insertion Loss ....................... .7 db Max.
Ignitor Interaction ............... .2 db Max.

HIGH POWER LEVEL FIRED CHARACTERISTICS
Flat Leakage Power (40 Kw) ........... 40 MW Max.
Spike Leakage Energy ......... .2 erg Max.
Recovery Time (40 Kw) ........... 4 µsec. Max. at -3 db
Recovery Time (200 Kw) .......... 10 µsec. Max. at -3 db
Arc Loss (4 Kw) ............... .8 db Max.
Position of VSW Minimum (40 Kw) .. .045 ± .007 Inches

APPLICATION DATA
The Sylvania Type 6232 is a broad-band fixed tuned TR tube similar in electrical characteristics to the Sylvania Types 1B63A and 1B63B but not mechanically interchangeable. In order to effect higher power capacity and better pressurizing without breakdown, the type 6232 is designed for use between RG51/U input and RG52/U output waveguide.
DIAGRAM NOTES:

1. Exhaust tube must not extend beyond the input flange more than 1/4 inch.