

October 15, 1947

The 1B40 is an argon filled gas switching tube of the separate cavity type.

Electrical Data - General

<u>Ignition Voltage</u>	<u>250 volts max.</u>
<u>Keep-Alive Current</u> with 300 Vdc and a 0.47 Meg. limiting resistor	<u>180 microamps. min., 320 microamps max.</u>
<u>Leakage Power</u> at frequency of 1050 mc. 500 watts peak input power, 1000 pps pulse repetition frequency, 1.0 usec pulse width.	<u>0.7 micro watts (continuous) max.</u>
<u>Insertion Loss</u> at 1080 mc.	<u>1.0 db max.</u>

Mechanical Data - General

<u>Mounting Position</u>	<u>Any</u>
<u>Number of Ignitors</u>	<u>One</u>
<u>Ambient Temperature Range (Non-Operating)</u>	<u>-40°C min. to 100°C max.</u>

Dimensions

See drawing.

NOTE: This tube is obsolete and manufacturing facilities are no longer available.

