

# RADIO MANUFACTURERS ASSOCIATION

SUITE 701-4 AMERICAN BUILDING  
1317 F STREET, N.W.  
WASHINGTON, D. C.



R.M.A. DATA BUREAU  
90 West Street  
New York, N. Y.

Release No. 610

October 15, 1947

To  
Tube Engineers:

Registration has been made by the RMA Data  
Bureau of the vacuum tube type designation

1B40 (Registration No. 1327)

as defined by the characteristics and ratings given in the  
attached data on application of

Sylvania Electric Products, Inc.  
500 Fifth Avenue  
New York City.

Respectfully yours,

RMA DATA BUREAU

By

LCFHorle/CAP

## SYLVANIA TYPE 1B40

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**NOTE:** This tube is obsolete and manufacturing facilities are no longer available.

