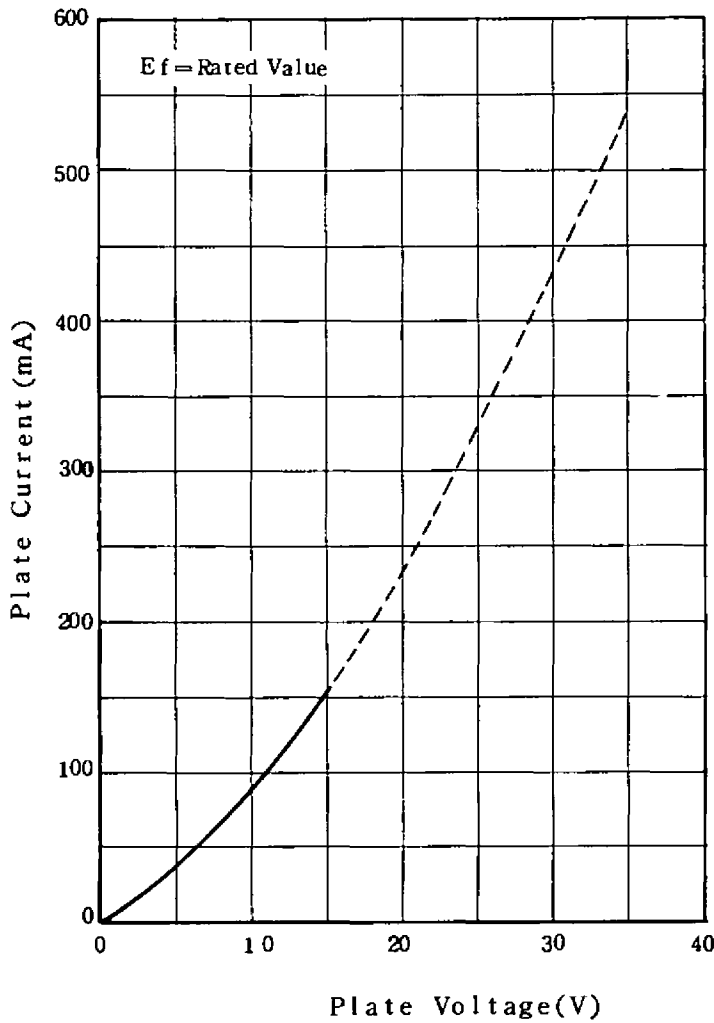




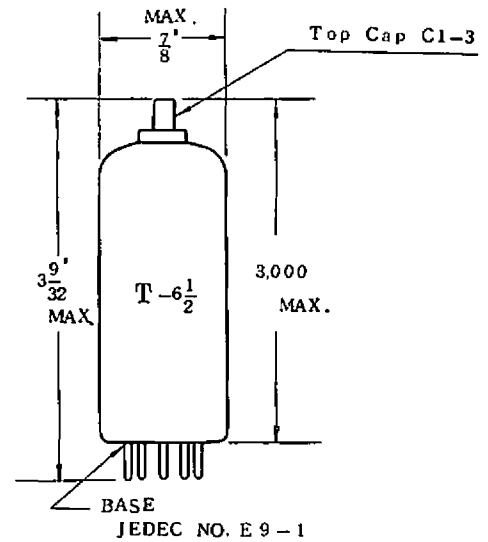
*Toshiba*

**TOSHIBA ELECTRON TUBE**

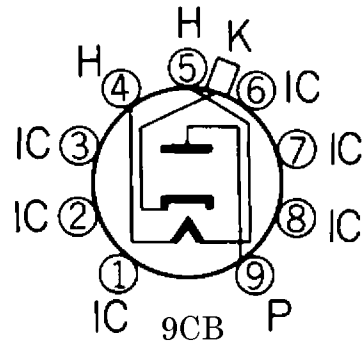
AVERAGE PLATE CHARACTERISTIC



12BY3  
DIMENSIONAL OUTLINE:



12BY3  
BASING DIAGRAM:  
Bottom View



- Pin 1: Internal connection (Do not use)
- Pin 2: Internal connection (Do not use)
- Pin 3: Internal connection (Do not use)
- Pin 4: Heater
- Pin 5: Heater
- Pin 6: Internal connection (Do not use)
- Pin 7: Internal connection (Do not use)
- Pin 8: Internal connection (Do not use)
- Pin 9: Plate
- Cap : Cathode

All inquiries as to the data should be addressed to Tube and Semiconductor Division,  
Tokyo Shibaura Electric Co., Ltd., 12, 1-chome, Yuraku-cho, Chiyoda-ku, Hibiya  
Mitsui Building, Tokyo, Japan.