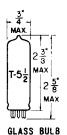
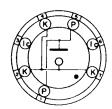
VOLTAGE REGULATOR

MINIATURE TYPE



COLD-CATHODE GLOW DISCHARGE

ANY MOUNTING POSITION



BOTTOM VIEW
MINIATURE BUTTON
7 PIN BASE

THE DA2 IS A COLD CATHODE GLOW-DISCHARGE TUBE USING THE MINIATURE CONSTRUCTION. IT IS INTENDED FOR USE AS A VOLTAGE REGULATOR TO MAINTAIN CONSTANT VOLTAGE ACROSS A LOAD WITH MODERATE CHANGES IN LOAD CURRENT AND SUPPLY VOLTAGE.

RATINGS MAXIMUM AND MINIMUM RATINGS ARE ABSOLUTE VALUES

MAXIMUM AVERAGE STARTING CURRENT ^A	75	MA.
MAXIMUM DC OPERATING CURRENT (CONTINUOUS)	30	MA.
MINIMUM DC OPERATING CURRENT (CONTINUOUS)	5	MA.
MAXIMUM AMBIENT TEMPERATURE	+90	°C
MINIMUM AMBIENT TEMPERATURE	- 55	° C

A AVERAGED OVER STARTING PERIOD NOT EXCEEDING 10 SECONDS.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

MINIMUM DC ANODE SUPPLY VOLTAGE B	185	VOLTS
DC STARTING VOLTAGE (APPROX.)	155	VCLTS
DC OPERATING VOLTAGE (APPROX.)	150	VCLTS
SERIES RESISTOR	c	
MAXIMUM SHUNT CAPACITOR	0.1	μf
REGULATION (5 TO 30 MA.)	2	VCLTS

BNOT LESS THAN INDICATED SUPPLY VOLTAGE SMOULD BE PROVIDED TO INSURE "STARTING" THROUGHOUT TUBE LIFE.

SINILIAR TYPE REPERRECE: Ratings and characteristics somewhat similiar to type 0.03/VR1.50.

PLATE 2018 JUNE 1, 1948

 $^{^{}m C}$ should Be sufficient to limit operating current through tube to 30 ma. At all times after the starting period.