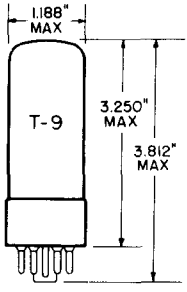
TUNG-SOL

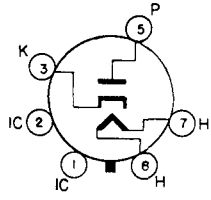
DIODE



GLASS BULB
SHORT INTERMEDIATE
SHELL OCTAL 5 PIN
BASE B5-85
OUTLINE DRAWING
JEDEC 9-44

DIODE
FOR
DAMPER SERVICE
IN COLOR
T.V. RECEIVERS

ANY MOUNTING POSITION



JEDEC 4CG
SOCKET TERMINALS
1,2,4 AND 6
SHOULD NOT BE USED AS
TIE POINTS

THE 6DT4 IS A HEATER-CATHODE TYPE DIODE DESIGNED FOR USE AS THE DAMPER DIODE IN THE HORIZONTAL-DEFLECTION CIRCUIT OF COLOR TELEVISION RECEIVERS. IT IS CAPABLE OF HANDLING THE HIGHER DISSIPATIONS AND VOLTAGES OF COLOR APPLICATIONS.

DIRECT INTERELECTRODE CAPACITANCES

WITHOUT EXTERNAL SHIELD

HEATER TO CATHODE	3.5	pf
PLATE TO CATHODE AND HEATER	7.5	pf
CATHODE TO PLATE AND HEATER	10.0	pf

HEATER CHARACTERISTICS AND RATINGS

DESIGN MAXIMUM VALUES - SEE EIA STANDARD RS-239

AVERAGE CHARACTERISTICS	6.3 VOLTS	1.2	AMPS.
MAXIMUM HEATER - CATHODE VOLTAGE			
HEATER POSITIVE WITH RESPECT TO CATHODE:			
DC COMPONENT		100	VOLTS
TOTAL DC AND PEAK		300	VOLTS
HEATER NEGATIVE WITH RESPECT TO CATHODE:			
DC COMPONENT		900	VOLTS
TOTAL DC AND PEAK		5,500	VOLTS

CONTINUED ON FOLLOWING PAGE

TUNG-SOL

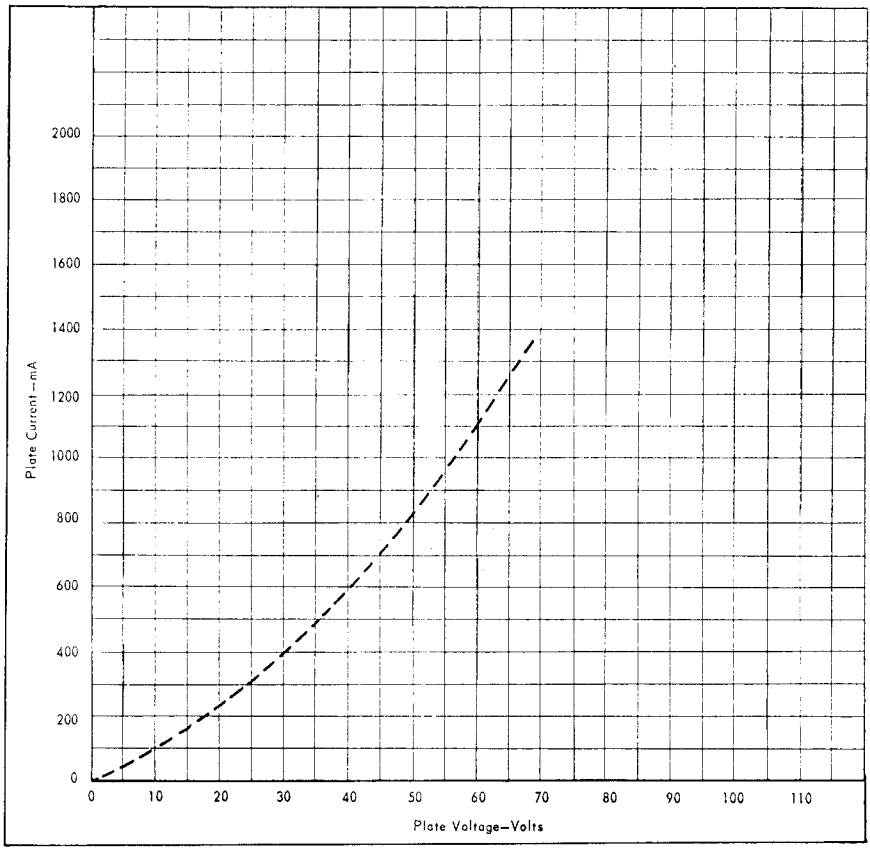
CONTINUED FROM PRECEDING PAGE

MAXIMUM RATINGS

TV DAMPER SERVICE

DESIGN MAXIMUM RATINGS - SEE EIA STANDARD RS-239

PEAK INVERSE PLATE VOLTAGE	5,500	VOLTS
PEAK PLATE CURRENT	1,450	MA
DC PLATE CURRENT	235	MA
PLATE DISSIPATION	7.5	WATTS

CHARACTERISTICS

TUBE VOLTAGE DROP AT I_b = 350 MA	28	VOLTS