4 ...

TUNG-SOL -

DIODE

OUTLINE DRAWING

OUTLINE NOTES

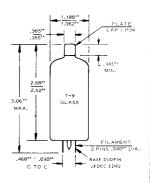
CONNECTORS SHOULD NOT EXERT MORE THAN 7 POUNDS RADIAL COMPRESSION AT ANY POINT AROUND THE CIRCUMFERENCE OF THE CAP

MAXIMUM ECCENTRICITY OF PIN CENTER LINE AND BULB CENTER LINE .040".

EITHER FILAMENT PIN MAY BE USED FOR THE OUTPUT CONNECTION.

FOR HIGH VOLTAGE SUPPLY

IN TV SERVICE



COATED FILAMENT

ANY MOUNTING POSITION

THE TAYZ IS A FILAMENTARY HIGH-VOLTAGE DIODE IN DOUBLE-ENDED CONSTRUCTION WITH A NEW TWO-PIN "DUOPIN" BASE, IT IS DESIGNED FOR USE AS THE HIGH-VOLTAGE RECTIFIER IN THE FLY-BACK CIRCUIT TO SUPPLY THE ANODE OF THE TELEVISION PICTURE TUBE, ITS LITECTRICAL CHARACTERISTICS ARE SIMILAR TO THE IB3GT.

DIRECT INTERELECTRODE CAPACITANCE

PLATE TO FILAMENT

1.4 pf

MAXIMUM RATINGS

DESIGN MAXIMUM SYSTEM . SEE EIA STANDARD RS-239

FLYBACK VOLTAGE RECTIFIER

INVERSE PLATE VOLTAGE: TOTAL DC AND PEAK	26	ΚV
DC	22	ΚV
PEAK PLATE CURRENT	50	mΑ
AVERAGE PLATE CURRENT	0.5	m A

FILAMENT CHARACTERISTICS AND RATINGS DESIGN MAXIMUM SYSTEM-SEE EIA STANDARD RS-239

AVERAGE CHARACTERISTICS	1.25 VO	LTS 200	mA
LIMITS OF APPLIED VOLTAGE • AC OR DC		1,25 ± 0,20	VOLTS

AVERAGE CHARACTERISTICS

TUBE VOLTAGE DROP FOR I_b = 7 mA 75 VOLTS

▲ FOR OPERATION IN A 525-LINE, 30-FRAME SYSTEM AS DESCRIBED IN "STANDARDS OF GOOD ENGINEERING PRACTICE FOR TELEVISION BROADCAST STATIONS: FEDERAL COMMUNICATIONS COMMISSION", THE DUTY CYCLE OF THE VOLTAGE PUSE MUST NOT EXCECT 10% OF THE VOLTAGE PUSE MUST NOT EXCECT.

WARNING

This tube may produce soft X-rays which can constitute a health hazard unless adequately shielded.