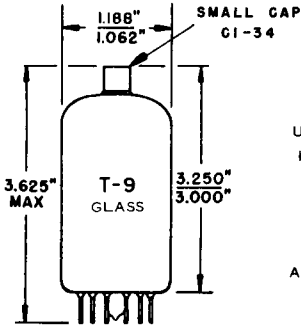


TUNG-SOL

OUTLINE DRAWING
JEDEC 9-100



BASE 12 PIN BUTTON
JEDEC E12-70

DIODE

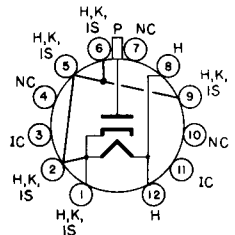
COMPACTRON

CATHODE TYPE DIODE
FOR
USE AS A HIGH VOLTAGE
HALF-WAVE RECTIFIER
IN T.V. RECEIVERS

ANY MOUNTING POSITION

BASING DIAGRAM

JEDEC 12 FV ←



BOTTOM VIEW

THE 3AT2 IS A CATHODE TYPE DIODE IN THE T-9, 12 PIN, DOUBLE ENDED COMPACTRON CONSTRUCTION. IT IS DESIGNED FOR USE AS A HIGH VOLTAGE RECTIFIER IN THE FLY-BACK CIRCUITS OF TELEVISION RECEIVERS.

DIRECT INTERELECTRODE CAPACITANCES

WITHOUT EXTERNAL SHIELD

PLATE TO HEATER, CATHODE AND INTERNAL SHIELD

Approx. 1.5 pf

HEATER CHARACTERISTICS AND RATINGS

DESIGN MAXIMUM VALUES - SEE EIA STANDARD RS-239

AVERAGE CHARACTERISTICS

3.15 VOLTS

220 MA

LIMITS OF APPLIED VOLTAGE

3.15 ± 0.3 VOLTS

MAXIMUM RATINGS

DESIGN MAXIMUM VALUES - SEE EIA STANDARD RS-239

FLY-BACK VOLTAGE RECTIFIER

PEAK INVERSE PLATE VOLTAGE

30,000 VOLTS

PEAK PLATE CURRENT

88 MA

DC PLATE CURRENT

1.7 MA

→ INDICATES A CHANGE

