DIODE
MINIATURE TYPE

UNIPOTENTIAL CATHODE
HEATER
3.15 VOLTS 0.22 AMP.
AC
ANY MOUNTING POSITION

GLASS BULB
SKIRTED
MINIATURE CAP

THE 3A2 IS A DOUBLE-ENDED, 9 PIN MINIATURE TYPE OF HALF-WAVE VACUUM RECTIFIER UTILIZING AN INDIRECTLY HEATED CATHODE. IT IS DESIGNED FOR USE AS A RECTIFIER OF HIGH VOLTAGE PULSES PRODUCED IN THE SCANNING SYSTEMS OF COLOR TELEVISION RECEIVERS.

DIRECT INTERELECTRODE CAPACITANCES - APPROX.
WITHOUT EXTERNAL SHIELD
PLATE TO HEATER, CATHODE, & INTERNAL SHIELD 1.0 μF

RATINGS
INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM
PULSED RECTIFIER SERVICE *

HEATER VOLTAGE 3.15 VOLTS
MAXIMUM PEAK INVERSE PLATE VOLTAGE 18 000 VOLTS
MAXIMUM PEAK PLATE CURRENT 80 MA
MAXIMUM AVERAGE PLATE CURRENT 1.5 MA

* FOR OPERATION IN A 525-LINE, 3-D FRAME SYSTEM AS DESCRIBED IN "STANDARDS OF GOOD ENGINEERING PRACTICE FOR TELEVISION BROADCAST STATIONS: FEDERAL COMMUNICATIONS COMMISSION", THE DUTY CYCLE OF THE VOLTAGE PULSE MUST NOT EXCEED 15% OF ONE SCANNING CYCLE.
3A2

$E_f = 3.15$ Volts