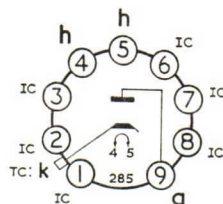


### EFFICIENCY DIODE



B9A Base, CT1 Cap

### GENERAL

This efficiency diode is designed for use in television receivers employing 110° cathode ray tubes.

Heater Current	$I_h$	0.3	A
Heater Voltage	$V_h$	19	V

### RATINGS

Maximum Peak Inverse Voltage	$P.I.V_{max}$	5.25*	kV
Maximum Peak Heater to Cathode Voltage Heater Negative	$V_{h-k(pk)max}$	5.75*	kV
Maximum Peak Anode Current	$I_a(pk)max$	350	mA
Maximum Mean Anode Current	$I_a(av)max$	150	mA

\* Maximum pulse duration 22 per cent of one cycle with a maximum of 22  $\mu s$ .

### INTER-ELECTRODE CAPACITANCES

Anode to Cathode	$C_a-k$	4.7	pF
Heater to Cathode	$C_h-k$	1.9	pF

