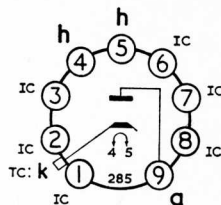


EFFICIENCY DIODE



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 μ s.

INTER-ELECTRODE CAPACITANCES

Anode to Cathode	C_{a-k}	4.7	pF
Heater to Cathode	C_{h-k}	1.9	pF

