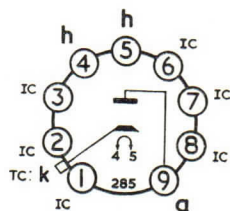


EFFICIENCY DIODE



B9A Base

GENERAL

This efficiency diode is intended for use in line timebase circuits of television receivers using 110° cathode ray tubes.

Heater Current	I_h	0.3 A
Heater Voltage	V_h	30 V

RATINGS

Maximum Peak Inverse Voltage	P.I.V. _{max}	6.6*	kV
Maximum Peak Heater to Cathode Voltage	$V_{h-k(pk)max}$		
Heater Negative		6.6*	kV
Maximum Heater to Earth Voltage (r.m.s.)	$V_{h-e(r.m.s.)max}$	220	V
Maximum Mean Anode Current	$I_{a(av)max}$	220	mA
Maximum Peak Anode Current	$i_{a(pk)max}$	550	mA

* Maximum pulse duration 22% of one cycle with a maximum of 18 μ s.

INTER-ELECTRODE CAPACITANCES

Anode to Cathode	C_{a-k}	8.6	pF
Heater to Cathode	C_{h-k}	2.0	pF

