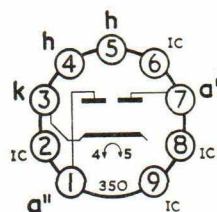


FULL-WAVE RECTIFIER



B9A Base

GENERAL

Heater Voltage	V_h	6.3	V
Heater Current	I_h	1.0	A

RATINGS

Maximum Peak Inverse Voltage	PIV_{max}	1.3	kV
Maximum Peak Current (each Anode)	$i_a(pk)_{max}$	500	mA
Maximum Surge Current (each Anode)	$i_a(sur)_{max}$	1.8	A
Maximum Anode Supply Voltage	$V_{a(b)max}$	See Rating Chart 1	
Maximum D.C. Output Current	$I_{out(max)}$	See Rating Chart 1	
Maximum Heater to Cathode Voltage (Heater Negative)	$V_{h-k(max)}$	500	V
Maximum Reservoir Capacitor	C_{max}	50	μF

TYPICAL OPERATION AS A FULL-WAVE RECTIFIER

CAPACITOR INPUT

Input Voltage per Anode (r.m.s.)	$V_{in(r.m.s.)}$	250	350	450	V
D.C. Output Current	I_{out}	160	150	100	mA
D.C. Output Voltage	V_{out}	245	352	497	V
Limiting Resistance each Anode	R_{lim} (per anode)	150	230	310	Ω
Reservoir Capacitor	C	50	50	50	μF

MOUNTING POSITION—Unrestricted

