

FULL-WAVE RECTIFIER

GZ33

Indirectly heated full-wave rectifier
with 5-volt heater.

HEATER

V_b	5.0	V
I_b	3.0	A

LIMITING VALUES

P.I.V. max.	1.4	kV
$i_{a(pk)}$ max.	750	mA
i_a surge max.	2.5	A

Capacitor input

$V_{a(r.m.s.)}$ max.	500	V
I_{out} max.	250	mA
C max.	60	μF

Choke input

$V_{a(r.m.s.)}$ max.	500	V
I_{out} max.	300	mA
L min.	10	H

TYPICAL OPERATING CONDITIONS

Capacitor input

$V_{a(r.m.s.)}$ (V)	I_{out} (mA)	C (μF)	$R_{lm. min.}$ (per anode) (Ω)	V_{out} (V)
2 $\times$ 300	250	8	140	271
2 $\times$ 400	250	8	200	375
2 $\times$ 500	250	8	250	479
2 $\times$ 300	250	60	140	289
2 $\times$ 400	250	60	200	388
2 $\times$ 500	250	60	250	493

Choke input

$V_{a(r.m.s.)}$ (V)	I_{out} (mA)	L (H)	V_{out} (V)
2 $\times$ 300	300	10	242
2 $\times$ 400	300	10	332
2 $\times$ 500	300	10	421

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