



## GZ37

**GENERAL DESCRIPTION:** This is a full wave rectifier with individually heated filament and primarily intended for use in the power supply of ac mains operated electronic valve equipment.

**BASIC DATA:**

Heater Voltage .....	5V
Heater Current .....	2.8A

**Limiting Values:**

PIV max .....	1600V
Anode Current, (Peak) max .....	750mA
Capacitance, max .....	4 $\mu$ F

Anode voltage (rms):	2 x 300	2 x 400	2 x 500	V
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<b>(a) Capacitor input:</b>				
Output current, max:	250	250	250	mA
Limiting resistance min:	75	75	75	$\Omega$ (per anode)
<b>(b) Choke input:</b>				
Output current, max:	350	350	350	mA
Limiting resistance, min:	0	0	0	$\Omega$ (per anode)

**TYPICAL OPERATING CONDITIONS:**

<b>(a) Capacitor input:</b>				
Va (rms) (V)	I out (mA)	C ( $\mu$ F)	R lim (per anode) ( $\Omega$ )	V out (V)
2 x 300	250	4	75	330
2 x 400	250	4	75	430
2 x 500	250	4	75	560
<b>(b) Choke input:</b>				
Va (rms) (V)	I out (mA)	L (H)	R lim (per anode) ( $\Omega$ )	V out (V)
2 x 300	350	10	0	250
2 x 400	350	10	0	330
2 x 500	350	10	0	420

