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RGN2504 Data Sheet

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This tube feature a series connected filament for both diodes together, which has certain advantages.

This tube can supply 200mA with a C-L-C filter.

[High Resolution](#)

Guarantee program for first owner.

At EML we have the normal guarantee. In addition to that, the first owner can register the tube within 4 weeks after receival, at the Emission Labs website, to participate in the 5 years guarantee program.

[Our Guarantee conditions](#)

[Register here for the 5years guarantee](#)

Features

- Extra large getters
- Hand blown Glass bulb
- These tubes are shipped in a [high quality dual box](#)
- Tube printing with real gold (metal), red color is glass burned into the glass
- Gold Plated pins, white ceramic socket.

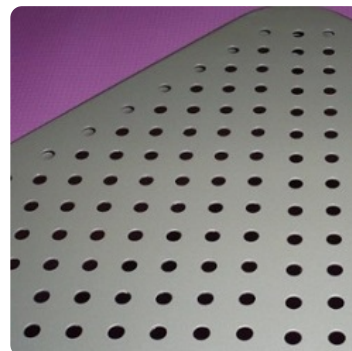
RGN2504 Filament Ratings

Filament Voltage	4Volt (AC or DC)
Tolerance on filament voltage	-3.5...4.2V
Filament Current	2.6.Ampere

RGN2504 Maximum Conditions

AC input (*2)	2x 300V	2x 400V	2x 500V
DC output	200mA	150mA	120mA
First Capacitor	60uF	50uF	50uF
Transformer minimum DC resistance (*1)	2x 70R	2x 100R	2x 120R

Warning for FAKE mesh



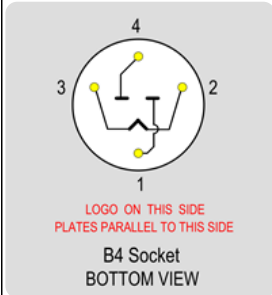
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*1) This is minimum value. If transformer DC resistance is too low, a series resistors must be used.

*2) For each other transformer voltage, **maximum** allowed DC output current is calculated as follows:

$$I \text{ (in mA)} = 60000 / \text{Transformer AC voltage}$$

RGN2504 Mechanical Data



Size including Socket
(but excluding pins)

145 x 58 mm

Weight of one tube: 140 Gram

Shipment weight for pair in gift
box: 350 Gram

Pin 1: Anode1

Pin 4: Anode2

Pin2: Filament

Pin3: Filament