



TAD – 5Y3WGTB Blackplate High Performance Full Wave Rectifier Tube

The TAD™ 5Y3WGTB BLACKPLATE (order number RT513) is a twin-diode rectifier tube designed for full wave rectifier performance.

Our recommendation for authentic tone, look, and performance in small vintage amplifiers like the Fender Tweed Champs and Tweed Deluxes.

It works great in modern amplifiers like the Mesa Boogie Lonestar Special as well.

The TAD™ 5Y3WGTB BLACKPLATE is perfect for high-end stereo systems to obtain a warm tone with pleasant treble response. It can replace any 6087.

Characteristics:

Electrical

Heater:	directly heated cathode
Voltage (AC)	5.0V ±8%
Current	2.5A ±6%
Cathode:	Oxide, direct heated

Mechanical

Operating Position	vertical
Base	Octal, 8-pin
Dimensions:	
Height	max. 85mm
Seated height	max. 72mm
Diameter	29mm
Base Diameter	31mm

Cooling	Convection
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Approximate net weight	38g (1.2oz)
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Maximum ratings

Maximum Peak Inverse Voltage	1400V
Maximum Peak Current (per plate)	400mA
Maximum Plate Voltage (RMS) per Plate	500V
Maximum DC Output Current	130mA
DC plate voltage	500 V
Maximum Capacitive Load	16uF

Bulb temperature (surface hottest point)	250° C
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TAD – 5Y3WGTB BLACKPLATE output voltage

