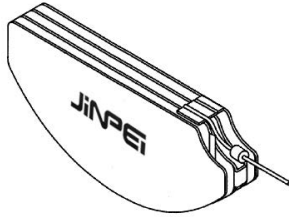


Capacitor

March 2022

Wet Tantalum Capacitor With Multiple Anodes



An anode pack housed within the casing and comprising more than one anode, pellets of anode active material electrically connected to each other by a bridge, and a cathode comprised of cathode current collectors including major faces with cathode active material provided thereupon is described. The bridge, which spans between sidewalls of the anode pellets, helps maintain them in a parallel alignment. The bridge is also a convenient location to connect the feedthrough wire that exits the casing through a glass-to-metal seal. The cathode current collectors are disposed between adjacent anode pellets and are electrically connected to each other and to the casing. A feedthrough wire electrically connected to the anode pack extends outside the casing in electrical isolation there from.

Operating voltage $\geq 750V @ 37^\circ C$

Serial connection ,limitation to 3 single capacitor

Volume $< 4.8cm^3$

Energy delivered at 50 Ohm resistance $\geq 36 J$

Ratio delivered/ charged energy > 0.75

