

NHR – Slimpack, High Temperature Aluminum Electrolytic

Alternative to Banks of Wet Tantalum Capacitors

Featuring high capacitance at high voltage and temperature, Type NHR-Slimpack offers considerable size and cost advantages over series-parallel banks of wet tantalum capacitors. Their applications in down-hole tools, military, and aerospace allow for solutions that use fewer components, lower weight, lower cost and improved reliability compared with banks of wet tantalum capacitors. Their rugged

Highlights

- Alternative to banks of wet tantalum capacitors
- No voltage derating required at 150 °C
- Rugged, stainless steel case
- Near hermetic seal, prevents dry-out
- Just 0.5" in height, by 1.0" wide (available in 4 lengths)
- High capacitance retention at low voltage, -55 °C
- UL Recognized

Specifications

Operating Temperature	-55 °C to +150 °C
Rated Voltage	75 Vdc to 300 Vdc
Capacitance	60 μ F to 960 μ F
Capacitance Tolerance	\pm 20%
Load Life	3,000 hours at rated voltage, 150 °C
Vibration Withstand	50g to 80g
Altitude Test	80,000 ft

