



Leading Resistor Supplier to Oil & Gas Market



High Temperature Resistors

Riedon is a major supplier to **Oil & Gas** electronics equipment manufacturers and independent design firms engaged oil & gas instrumentations.

High pressures and high temperatures will continue to push the limits of existing technology. In order to meet the demand of future requirements, designers will need to work closely with technology suppliers to craft solutions capable of operation in extreme environments. Our customers look to us for answers. At Riedon, we leverage our knowledge and experience to create solutions fueling next generation designs.

Formation sampling and well completion disciplines are constantly being improved, as the intelligence of the drill bit, tool string and monitoring gauge continue to increase. Therefore customers demand more form passive components to meet higher requirements. Down hole tool design and development require both mechanical and electrical technologies capable of operation in extreme environments above 200°C and pressures greater than 30K psi.

The following page list our product offering for this market.


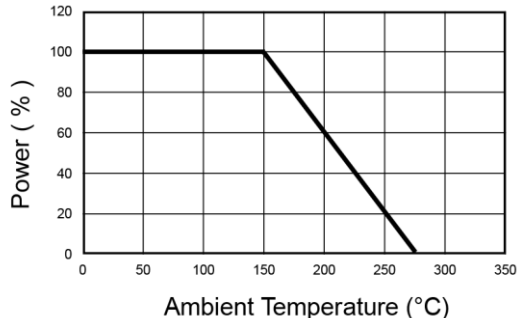

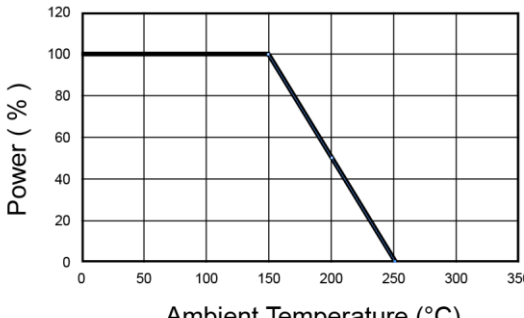

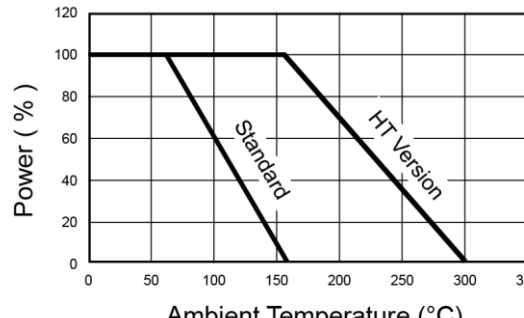
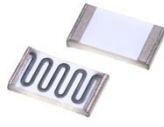
Riedon Offers:

- Custom Designed Solutions
- Wide Range of Resistor Technology
- Quick Delivery

Oil & Gas Applications:

- Down Hole Robotics
- Wellhead monitoring systems
- Well Drilling
- Underground Pressure Monitoring
- Fluid handling
- High Temperature Probes

Riedon High Temperature Resistor selection for Oil & Gas market:

<p>Wirewound Power</p> 	<ul style="list-style-type: none"> ➤ Resistance from 0.02 to 260k Ohms ➤ Excellent Pulse Handling ➤ High Temperature: -55°C to 275°C ➤ Resistance Tolerances to $\pm 0.01\%$ ➤ Power Rating 0.1 to 13 Watts ➤ Low TCR: $\pm 20\text{ppm/K}$ Standard ➤ Non-Inductive Windings Available ➤ MIL-R-26 / MIL-R-39007 Power Ratings 	
<p>Wirewound Precision</p> 	<ul style="list-style-type: none"> ➤ Resistance to 6 MOhms ➤ Tolerances to 0.005% ➤ High Temperature: -55°C to 250°C ➤ 100% Acceptance Tested ➤ Traceable to NIST ➤ Low TCR down to $\pm 2\text{ ppm/K}$ ➤ Long Term Stability 	
<p>CHR</p> 	<ul style="list-style-type: none"> ➤ Resistance from 1 to 10M Ohms ➤ Power Rating from 0.05 to 1W ➤ Resistance Tolerances to $\pm 1\%$ ➤ TCRs to $\pm 50\text{ppm/K}$ ➤ Non-magnetic (PtAg) ➤ Suitable for Glueing or Soldering ➤ Sizes 0402, 0504, 0603, 0805, 1206 ➤ Special HT Version up to 300°C 	
<p>HVS</p> 	<ul style="list-style-type: none"> ➤ Resistance from 100k to 10T Ohms ➤ Power Rating to 0.05 to 1.5 Watts ➤ Resistance Tolerances to $\pm 1\%$ ➤ TCRs to $\pm 25\text{ppm/K}$ ➤ Non-magnetic (PtAg) ➤ High Value Thick Film Resistance Element ➤ Sizes: 0805, 1206, 1210, 2512, 4020 ➤ Special HT Version up to 300°C 	