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Anti-Sulfur 2-W Chip Resistor Supports Higher-Power Applications

[Stackpole Electronics'](#) RMCS series of anti-sulfur chip resistors now offers a 2-W power rating in a 2512 chip size with the part number RMCS2512 ... -HP. According to the company, this option doubles the standard 2512 power rating and allows for the RMCS-HP to be used for higher-power applications that may have used a different technology previously.

Many electronics devices that you may not associate with sulfur environments may have issues with sulfur. Environments with certain types of rubber gaskets or hoses, some connectors, lubricants, and oils, and even the ambient air in some locations can have high concentrations of sulfur. Sulfur reacts with the silver inner terminations of general-purpose chip resistors causing them to increase in resistance value and eventually open. Anti-sulfur resistor solutions have become more readily available, but higher power versions are still difficult to find, according to the vendor.

Applications include industrial power and control applications, automotive controls and infotainment, machinery controls, servers and computers, data storage, marine controls, and welding equipment.

Contact Stackpole or one of its franchised distribution partners for volume pricing. For more information, see the RMCS series [datasheet](#) or email marketing@seielect.com.