



## RPC-UP Thick Film Pulse Withstanding Chip Resistors For High Power Applications

RALEIGH, NC (Apr. 18, 2022) – As power ratings continue to increase, the power handling requirements for chip resistors increase as well. If the application also requires reliable pulse handling, the options for both high continuous power handling and high pulse handling can be limited. The RPC-UP from Stackpole offers 0805 and 1206 size chip resistors with excellent pulse withstanding and high power ratings. RPC0805\_-UP is rated at 0.5W and 400V working voltage and the RPC1206\_-UP is rated at 0.75W and 500V. Resistance values range from 1 ohm to 1Meg ohm with tolerances from 20% to 0.5% available for some resistance values. The exceptional pulse handling and high power handling allow the RPC-UP to be used in applications normally requiring much larger and more expensive resistor types. Many popular values are now in stock.



Pricing for the RPC-UP depends on size and tolerance and ranges from \$0.024 to \$0.032 each in full package quantities. Contact Stackpole or one of our franchised distribution partners for volume pricing.

### [RPC Series](#)

### [Pulse Withstanding Thick Film Chip Resistor](#)

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Stackpole Electronics Inc. is a leading global manufacturer of resistors supplying to the world's largest OEMs, contract manufacturers and distributors. Headquartered in Raleigh, N.C., the privately held company began manufacturing in 1928 as part of Stackpole Carbon Company in St. Mary's, Pennsylvania. Now part of the Akahane Stackpole Manufacturing Group (ASMG), Stackpole has manufacturing facilities in Japan, Taiwan, China and Mexico; warehousing facilities in El Paso, Shenzhen and Japan; and international sales offices in Tokyo, Taipei, London, Hong Kong and Shenzhen.