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HCJ High Current Jumpers Offer Significantly Higher Rated Current Than Thick Film Jumpers

RALEIGH, NC (Nov. 8, 2022) – Zero-ohm jumpers are widely used in all types of electronic circuits for a wide range of markets and end products. They make circuitry routing easier and simplify manufacturability. However, jumper requirements for higher current levels frequently exceed the capability of general-purpose jumpers. The maximum current rating for thick film general purpose jumpers is only 3 amps and high current thick film jumpers typically will only handle up to 10 amps. Stackpole's HCJ series high current SMD jumpers can handle up to 70.7A with overload current ratings of up to 158A. This allows the HCJ to be used for a wider range of jumper current requirements and will be less sensitive to surge current events.

The HCJ is AEC-Q200 qualified and RoHS compliant without exemption. Applications include switching power supplies, VR modules, DC to DC converters in power adapters, battery packs, and chargers, and a wide range power and battery management implementations.

Pricing for the HCJ depends on size. Contact Stackpole or one of our franchised distribution partners for specific or volume pricing. Sizes, 0201, 0402, 0805, 1206, and 2512 are currently in stock.

For more information about Stackpole products, contact Stackpole Electronics, Inc. at 3110 Edwards Mill Rd., Suite 207, Raleigh, NC 27612; phone 919-850-9500; email marketing@seiselect.com; or visit our website at www.seiselect.com.

Stackpole Electronics Inc. is a leading global manufacturer of resistors. 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, Stackpole has facilities in Japan, Taiwan, China, the US and Mexico.

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