



SPRAGUE-GOODMAN ELECTRONICS, Inc.

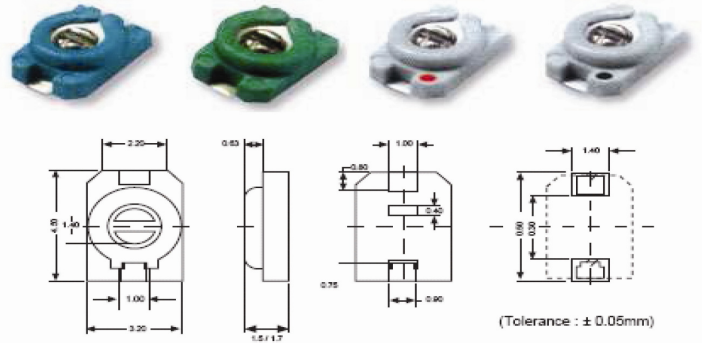
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Westbury, New York -- Over the next few months, Sprague-Goodman will launch a variety of product lines currently in the late development stages. The newest addition, Sprague's second new product line this month, is the SGC3 Series Chip Trimmer Capacitor; a miniature ultra-thin surface mounted device. Some of the initial targeted applications include projects requiring miniaturization of electronic equipment in the telecom and microwave industries. The super thin dust proof structure of these capacitors makes them specially suited for items requiring fine adjustment and very minimal capacity drift.

Feature Highlights:

- Ultra miniature size with external dimensions of 3.2(W) x 4.5(L) x 1.5(T) mm
- Constructed with high temperature liquid-crystal polymer for superior durability and low dielectric loss
- Designed for reflow soldering
- Color coded for easy identification
- Mountable by an automatic placer. Standard tape and reel packaging
- Easy adjustment using a conventional screwdriver



Specs	Part No	SGC3S030	SGC3S060	SGC3S100	SGC3S200	SGC3S300
Color		Black	Blue	Ivory	Pink	Green
Capacitance (pF min) less than		1.2	2.2	3.0	5.5	8.0
Capacitance (pF max) more than		3.0 ⁺⁵⁰	6.0 ⁺⁵⁰	10.0 ⁺⁵⁰	20.0 ⁺⁵⁰	30.0 ⁺⁵⁰
Temperature Coefficient (ppm/°C)		N470 ± 60	N470 ± 60	N1000 ± 250	N1000 ± 250	N1200 ± 200
Q (@ 1 MHz and Cmax) over		300	500	500	500	500
Insulation Resistance		10 ⁴ MΩMin				
Torque		0.14 to 1.0 oz-in.				
DC Working Voltage		100 VDC	100 VDC	50 VDC	50 VDC	50 VDC
DC Withstanding Voltage		220 VDC	220 VDC	110 VDC	110 VDC	110 VDC
Operating temperature °C		-25° C to 85° C				

For technical questions, please contact David Ditlya, President and Head of Engineering and New Product Development. David, a 30 year veteran of the business, is available for conference calls and in-person meetings to discuss any questions regarding Sprague-Goodman's new projects. He may be reached at our main number (516) 334 – 8700 or dditlya@spraguegoodman.com.

Please contact Ilya Ditlya, Director of Sales and Marketing, to request data sheets on the SBG Series or any other products. He may be reached at (516) 334-8700 or ilyaditlya@spraguegoodman.com.

Our team of engineers and technical professionals look forward to designing solutions for your next project. Please contact Sprague-Goodman directly should you require customized products.

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