



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SGNM – SERIES I

CERAMIC HIGH VOLTAGE NON-MAGNETIC TRIMMER CAPACITOR



Product Highlights

- High Voltage Ceramic Dielectric
- Internally Sealed to Withstand External Pressure of Up to 40 PSI
- Residual Magnetic Value Less Than 20 nT

Applications

- MRI and NMR Coils
- Transmitting and Receiving Sections of MRI and NMR Machines
- Cryogenic Projects

Model Number	Capacitance Range (pF)		Q Min (at 25 MHz C Max)	Rated DC Working Voltage (V)	Dielectric Withstanding Voltage (V)
	Min	Max			
SGNMNC1054	0.50	5.00	2,000	4,000	8,000
SGNMNC1056	0.50	5.00	2,000	6,000	12,000
SGNMNC1059	0.50	5.00	2,000	8,750	17,500
SGNMNC1103	1.00	10.00	1,700	3,000	6,000
SGNMNC1106	1.00	10.00	1,700	6,000	12,000
SGNMNC1108	1.00	10.00	1,700	7,500	15,000
SGNMNC1152	1.00	15.00	1,500	2,000	4,000
SGNMNC1156	1.50	15.00	1,500	6,000	12,000
SGNMNC1206	2.00	20.00	1,500	6,000	12,000

Options:

1. **Extended Shaft** - Add suffix "E" to model number
2. **Cryogenic Version** - Add suffix "K" for model that operates and may be tuned at temperatures as low as 4K. This model is not sealed
3. **No Lead Option** - Add suffix "NL" for a model that does not include a wire lead attached to stator terminal
4. Please contact us directly for additional customization options

SGNM – SERIES 2

CERAMIC HIGH VOLTAGE NON-MAGNETIC TRIMMER CAPACITOR



Product Highlights

- High Voltage Ceramic Dielectric
- Internally Sealed to Withstand External Pressure of Up to 40 PSI
- Residual Magnetic Value Less Than 20 nT

Applications

- MRI and NMR Coils
- Transmitting and Receiving Sections of MRI and NMR Machines
- Cryogenic Projects

Model Number	Capacitance Range (pF)		Q Min (at 25 MHz C Max)	Rated DC Working Voltage (V)	Dielectric Withstanding Voltage (V)
	Min	Max			
SGNMNC2106	1.00	10.00	3,000	6,000	12,000
SGNMNC2156	1.50	15.00	2,000	6,000	12,000
SGNMNC2206	2.00	20.00	1,500	6,000	12,000
SGNMNC2236	2.00	23.00	1,200	6,000	12,000
SGNMNC2256	3.00	25.00	1,200	6,000	12,000
SGNMNC2306	3.00	30.00	600	6,000	12,000
SGNMNC2356	3.50	35.00	600	6,000	12,000
SGNMNC2406	4.00	40.00	500	6,000	12,000
SGNMNC2502	5.00	50.00	500	2,500	5,000

Options:

1. **Extended Shaft** - Add suffix "E" to model number
2. **Cryogenic Version** - Add suffix "K" for model that operates and may be tuned at temperatures as low as 4K. This model is not sealed
3. **No Lead Option** - Add suffix "NL" for a model that does not include a wire lead attached to stator terminal
4. Please contact us directly for additional customization options

SGNM – SERIES 3

CERAMIC HIGH VOLTAGE NON-MAGNETIC TRIMMER CAPACITOR



Product Highlights

- High Voltage Ceramic Dielectric
- Internally Sealed to Withstand External Pressure of Up to 40 PSI
- Residual Magnetic Value Less Than 20 nT

Applications

- MRI and NMR Coils
- Transmitting and Receiving Sections of MRI and NMR Machines
- Cryogenic Projects

Model Number	Capacitance Range (pF)		Q Min (at 25 MHz C Max)	Rated DC Working Voltage (V)	Dielectric Withstanding Voltage (V)
	Min	Max			
SGNMNC3101	1.00	10.00	2,000	1,500	3,000
SGNMNC3103	1.50	10.00	2,000	3,000	6,000
SGNMNC3106	2.00	10.00	1,800	6,000	12,000
SGNMNC3153	1.50	15.00	2,000	3,000	6,000
SGNMNC3205	3.00	20.00	600	4,500	9,000
SGNMNC3253	5.00	25.00	1,200	3,000	6,000
SGNMNC3256	7.00	25.00	1,200	6,000	12,000
SGNMNC3306	4.00	30.00	1,000	6,000	12,000
SGNMNC3505	5.00	50.00	700	4,500	9,000
SGNMNC3706	2.00	70.00	600	6,000	12,000
SGNMNC3708	6.50	70.00	600	7,500	15,000
SGNMNC3806	5.00	85.00	500	6,000	12,000
SGNMNC31006	10.00	100.00	500	6,000	12,000

Options:

1. **Extended Shaft** - Add suffix "E" to model number
2. **Cryogenic Version** - Add suffix "K" for model that operates and may be tuned at temperatures as low as 4K. This model is not sealed
3. **No Lead Option** - Add suffix "NL" for a model that does not include a wire lead attached to stator terminal
4. Please contact us directly for additional customization options