

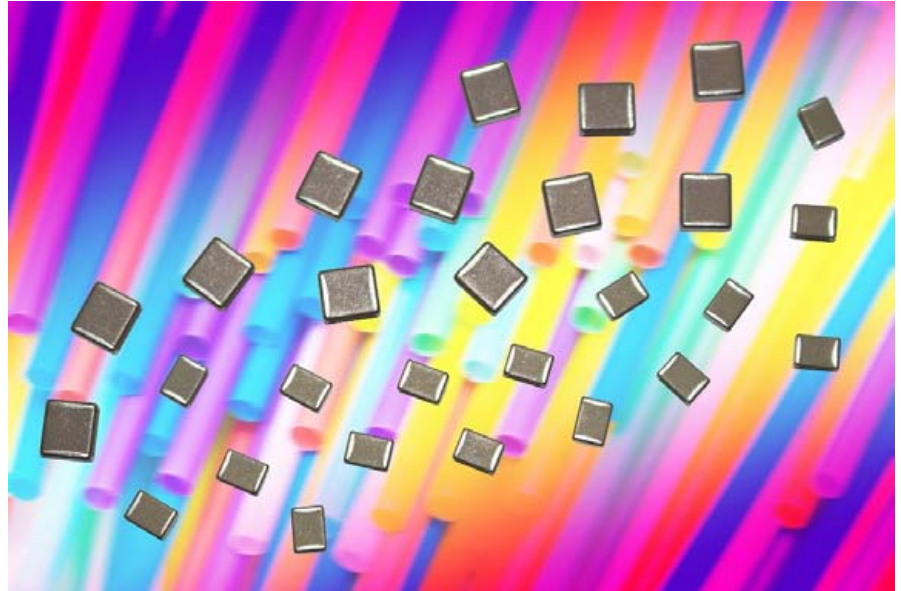
Knowles Capacitors launch 500Vac rated Surge & Safety MLCCs from Syfer

20 November 2017

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Developed at the specific request of industrial electronics customers, Knowles brand Syfer can now offer MLCC's, for non-safety critical applications, up to 500Vac, 50/60Hz continuous.



Syfer pioneered 250Vac rated MLCC's for non-safety critical applications to complement its

range of industry standard DC rated and market leading TUV / UL qualified class X & Y surge and safety MLCCs. The non-safety range offered MLCC's rated for 250Vac 50/60Hz with an increased capacitance range compared to the safety approved range, suitable for applications where the rigorous safety approvals were not necessary.

In response to customer demands, the company is now able to offer an extended solution for non-safety critical applications up to 500Vac 60Hz continuous where extended capacitance values are required, up to 47nF.

Suitable for use in 440Vac & 480Vac 3-phase type industrial electronics applications where a 500Vac rating would give a comfortable margin. Launch range is 10nF maximum in case size 1812, to a maximum of 47nF in case size 2220 – other values will follow but smaller case sizes will not due to electro-mechanical issues with such high voltages.

Whilst not qualified to any external specification, the range does include a surge impulse rating of 1kV (1.2x50µS).

Agency contact - Fiona Gebbett - fiona@panpublicity.co.uk

Pan Publicity Limited, The Creative Exchange, 11 Church Lane, Gorleston, Norfolk NR31 7BE UK

Tel: +44 (0)1493 440047 - Fax: +44 (0)1493 440048 - www.panpublicity.co.uk

Client contact - Peter Scutt – peter.scutt@knowles.com

Knowles (UK) Ltd., Hethel Engineering Centre, Chapman Way, Hethel, Norwich NR14 8FB

Tel: +44 (0)1603 723310 - Fax: +44 (0)1603 723301 - www.knowlesc capacitors.com

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The inclusion of this range now gives Knowles the largest range of ac rated MLCC's in the market, including 250Vac & 500Vac non-safety as well as their qualified surge & safety range which offers the highest value class Y2 MLCC available today.

Ends

Note: Dielectric Laboratories (DLI), Novacap, Syfer Technology and Voltronics came together to form a single organisation, Knowles Capacitors - they have now been joined by Johanson Manufacturing. This entity has a combined history exceeding 200 years and is a division of Knowles Corporation of USA, an independent publicly traded company.

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