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## PRESS RELEASE

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### Extended temperature X8S dielectric ceramic chip capacitors

NIC Components has added extended temperature X8S dielectric ) to the NMC series of ceramic chip capacitors; MLCCs. Featuring capacitance stability of  $\pm 22\%$  over wide operating temperature range of  $-55^{\circ}\text{C} \sim +150^{\circ}\text{C}$ . X8S dielectric is available in six case sizes; 0603, 0805, 1206, 1210, 1812 and 2220. Covering capacitance range of 1000pF  $\sim$  0.27uF in 25VDC and 50VDC voltage ratings. Designed for use in extended temperature applications including power equipment, industrial controls, and down-hole drilling. All X8S MLCCs feature nickel barrier and tin plate finish and are compatible with lead-free reflow and wave soldering processes. All NMC series products are RoHS compliant. Supplied packaged on tape and reel for use with automated assembly processes. Pricing from \$0.01 to \$0.24 USD each, in production volumes. Lead times from 8  $\sim$  12 weeks.

[ END ]

Data Sheet:

→ X8S Data Sheet: <http://www.niccomp.com/catalog/nmc6.pdf>

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