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RoHS Compliance

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In an effort to meet the RoHS directives and its Recast aimed at reducing hazardous substances (Restriction of Hazardous Substances (RoHS) directive 2011/65/EU), Novacap has introduced new RoHS Lead-Free compliant lines. The new dielectric codes for these are "RN" for COG/NPO and "RB" for X7R. This is not a transition from the current product. The current product lines with dielectric codes "N" and "B" will not be phased out and can still be purchased.

- NPO/COG dielectric surface mount part, new 2 character dielectric code system "RN" in the part number designator, example, 0603RN102J250NT (non RoHS dielectric p/n 0603N102J250NT)
- X7R dielectric surface mount part, new 2 character dielectric code system "RB" in the part number designator, example, 0603RB103K500NT (non RoHS dielectric p/n 0603B103K500NT)
- 250VDC and higher voltage rated parts are exempt under 7(c)-II no change to policy and applies to SMT chips or leaded capacitors
- **Orders must be placed with the new part numbering system in order to guarantee receiving parts with full RoHS 2013 materials**

There are no plans for RoHS Lead-Free compliant Y5V/Z5U product lines with dielectric codes "Y" and "Z".

Those customers who require leaded solder material may continue to purchase their parts as usual. The termination codes "Y" and "D" in our part number indicate that a 90/10 Sn-Pb solder coating is required. By definition, such parts are not RoHS compliant and do not have Lead Free 2nd Level Interconnects.

All shipments are labeled according to the applicable RoHS status.

Exceptions:

- Capacitors containing a termination code of “Y”, “D”, or “E”. (These terminations contain lead by definition and are intended to satisfy the ongoing needs of specific applications in which the customer requires a leaded solder).
- Stacked capacitors with a prefix “ST” or “SM” that do not end with an “R” in the part number. (These terminations contain lead by definition and are intended to satisfy the ongoing needs of specific applications in which the customer requires a leaded solder).
- Radial leaded capacitors with a with a termination code “LE”, “LB”, “LD”, “LR”, “LQ”, “LO”, or “LA” that do not end with an “R” in the part number. (These terminations contain lead by definition and are intended to satisfy the ongoing needs of specific applications in which the customer requires a leaded solder).

Exemptions:

- Stacked capacitors with a prefix “ST” or “SM” that end with an “R” in the part number. (RoHS Exemption 7(a) Lead in high melting temperature type solders containing 85% by weight or more lead.)
- Radial leaded capacitors with a with a termination code “LE”, “LB”, “LD”, “LR”, “LQ”, or “LO” that end with an “R” in the part number. (RoHS Exemption 7(a) Lead in high melting temperature type solders containing 85% by weight or more lead.)
- Capacitors rated above 200VDC. (RoHS exemption 7(c)II Lead in the dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 VDC or higher.

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