

## Tecate Group on Halogen Free

Tecate Group capacitors of the below listed types are halogen free. Tecate Group uses the definition excerpted from JEDEC/ECA JS709A, May, 2012, as follows:

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***"I Scope.***

*While the halogen group contains fluorine, chlorine, bromine, iodine, and astatine, this document will use the term "low-halogen" to refer only to bromine and chlorine."*

and

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***"4 Requirements for low-halogen electronic products.***

*2) Each plastic material within an electronic product, including those within a passive or solid-state device (excluding printed board laminates) shall contain <1000 ppm (0.1%) by weight of bromine if the bromine source is from BFRs and <1000 ppm (0.1%) by weight of chlorine if the chlorine source is from CFRs, PVC, or PVC copolymers. Higher concentrations of bromine and chlorine are allowed in plastics contained within electronic products (other than printed board laminates contained within those devices) as long as their sources are not BFRs, CFRs, PVC, or PVC copolymers."*

### Tecate Group Halogen Free Capacitor Types are:

CMC, CMC(HV), CMCS, CMT, CMP, CMX, CMCF, CMCQ  
MXM, MXNP, LC, LCE, LG, LGE, 712, 712E, 712L, 724, 724E, 724L, 724S, 724SE,  
724SL, 724X, 724Z, RN5, 711, 723, 725E, 725H, 725L, 725W, 725X, 730, 730W,  
725R, TLL, TRC, TRS, TRZ, RN, RN7, RN7E, RNB, RNBE.  
2013S, 2014, 2014S, 2114, 2114Y, 814, 9014, 9114, 914, 2024, 2124, 5124V, 7124,  
9023, 9024, 924, 9245, 9245WT, 9247, MPXM, 2001, 2101, 2102V, 6001, 801,  
901, 2102, 6002, 7102H, 902, 9024F  
TPL, TPLS

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