

EIA ENGINEERING BULLETIN

Correct Orientation of Tantalum and MLC Capacitors in EIA-481

A Statement issued by members of EIA/ECA Steering Committee S-1

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Electronic Components, Assemblies & Materials Association

ELECTRONIC COMPONENTS, ASSEMBLIES & MATERIALS
ASSOCIATION

THE ELECTRONIC COMPONENTS SECTOR OF THE ELECTRONIC INDUSTRIES ALLIANCE



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"The current revision of EIA 481 Rev C has been updated to define tape and reel orientation for a wider range of SMT devices; however this has created a conflict with the original orientation definitions for tantalum chip and multilayer ceramic chip capacitors.

Tantalum chip capacitors will retain "right handed" reeling (parts across the tape with positive termination AWAY from the sprocket hole) as previously defined in tape and reel revision EIA-481-1 and component specifications EIA-535BAAC (Standard) and EIA-535BAAE (Low ESR) series.

MLC capacitors will not adopt the new orientation; for the various case size options please refer to current manufacturer's data sheets for correct orientation.

Both tantalum and MLC capacitor orientation will be updated in the next revision of EIA 481"

EIA Document Improvement Proposal

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