

October 2002 P-2.1
DSCC CERAMIC CAPACITOR ACTIONS

Document Actions in Process

- MIL-PRF-123C (High Reliability Ceramic)
 - Working on some final details before dating revision.
 - Termination changes need to be worked out - removal of 100% tin on chips and addition of wildcard termination.
 - Post voltage conditioning electrical testing sequence needs to be worked out.

- MIL-PRF-49470 (Switch Mode Power Supply)
 - Amendment 2 Dated 27 September 2002.
 - Added low temperature storage requirements.
 - Added alternate marking for case code 3 parts.

- MIL-PRF-49464 (Single Layer Ceramic)
 - Document reinstated (previously cancelled due to no source).
 - New source interested in qualifying.
 - Initial draft out for comments. Draft available on DSCC Internet site.

- MIL-PRF-55681 (Ceramic Chips)
 - Engineering Practices Study out for comments (Due October 19th).
 - Need input from manufacturers and users (see letter on DSCC website).
 - Add lower voltages, tighter tolerance parts, and smaller case sizes.
 - Add extended values.
 - Any input encouraged and welcomed.

- EP STUDY - A draft of a proposed test procedure for ultrasonic inspection of high reliability ceramic capacitors is out for comment.

Sources for Free Download of Military Documents

- DSCC - Most Defense Supply Center Columbus documents available.
 - <http://www.dsccl.dla.mil/Programs/MilSpec/DocSearch.asp>

- Defense Automation and Production Service - most DoD documents available.
 - <http://astimage.daps.dla.mil/quicksearch/>

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