

MIL-PRF-49470

**MIL-STD-790 DLA APPROVED
FACILITY AND TEST LAB
CAGE CODE: 60212**

Mil-PRF-49470 capacitors are preferred over DLA-DWG-87106 capacitors which has been cancelled. The Mil-PRF-49470 specification was developed as part of a cooperative effort between the US Military, NASA and the SMPS suppliers to produce a robust replacement for the DLA drawing. The military specification product provides additional quality assurance provisions that are NOT required by the DLA drawing. Two product levels are offered in Mil-PRF-49470: the standard "B" level (*also referred to as "M" level*), suitable for standard Class "H" military applications, and the high reliability "T" level, suitable for Class "K" space level applications. Some of the benefits of the Mil-PRF-49470 product over the 87106 product include: Formal qualification process (QPL established); Mil-STD-790 compliance; DLA audits; routine qualification maintenance testing (ie., life testing); Group A percent defective allowed (PDA) specified; prohibits mixing of chips from different production lots within a single SMPS stack lot.

Mil-PRF-49470 "T" Level product is recommended for all high reliability applications. Mil-PRF-49470 "T" level product requires in-process inspections and additional Group A and B screening inspections that are not part of the normal "B" level flow: In-process screening that includes non-destructive internal examination (chip level) and destructive physical analysis (chip level); Group A destructive physical analysis (finished stack level); Group B lot specific humidity, steady-state, low voltage (lot sample test); and Group B lot specific thermal shock and life test (lot sample test).

DLA DRAWING 88011 (NPO STACKED CAPACITORS)

Presidio is fully qualified to this DLA drawing.

For more information contact the factory at +1-858-578-9390 or email us at info@presidiocomponents.com.



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