

MILITARY SPECIFICATION

CAPACITORS, CHIP, SINGLE LAYER, FIXED, PARALLEL PLATE,  
CERAMIC DIELECTRIC, ESTABLISHED RELIABILITY,  
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-C-49464A, dated 25 June 1992,  
and is approved for use by all Departments and Agencies of the  
Department of Defense.

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3.8, add the following:

"NOTE: 0.5 percent for class 1B, symbol S capacitors of 4.7 pf or greater."

3.14, NOTE: delete and substitute:

"NOTE: For negative temperature characteristics in classes 1A, 1B, and 1C, the negative tolerance from +25°C to -55°C shall be calculated according to the formula:

Negative tolerance (ppm/°C = -36 - (1.22 x specified positive tolerance) + (0.20 x nominal temperature coefficient)."

3.6.4, add the following: "Not applicable if optional voltage conditioning was performed at or above 250 percent of rated voltage."

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TABLE V, subgroup 2, under Mechanical examination external (PPM-3), add "(Physical dimensions only)".

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TABLE VI, delete in its entirety and substitute:

"TABLE VI. Sampling plans for PPM categories.

Lot size	Sample Size	
	PPM-2	PPM-3
1 - 13	100%	100%
14 - 125	100%	13
126 - 150	125	13
151 - 280	125	20
281 - 500	125	29
501 - 1,200	125	34
1,201 - 3,200	125	42
3,201 - 10,000	192	50
10,001 - 35,000	294	60
35,001 - 150,000	294	74
150,001 - 500,000	345	90
500,001 - UP	435	102

4.7.3b, delete and substitute:

"b. Test voltage:  $1.0 \pm 0.2$  Vrms (class 1) and  $0.3 \pm 0.1$  Vrms (classes 2 and 3).

CONCLUDING MATERIAL

Custodian:

Army - ER  
Navy - EC  
Air Force - 85

Preparing activity:

Army - ER

Agent:

DLA - ES

Review activities:

Navy - AS  
Air Force - 17, 99  
DLA - ES

(Project 5910-1831)

User activities:

Navy - MC, SH  
Air Force - 19