

PERFORMANCE SPECIFICATION

CAPACITOR, CHIP, MULTIPLE LAYER, FIXED,  
 CERAMIC DIELECTRIC, ESTABLISHED RELIABILITY  
 AND NON-ESTABLISHED RELIABILITY,  
 GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-PRF-55681E, dated 3 July 1997, and is approved for use by all Departments and Agencies of the Department of Defense.

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- \* 1.2.1.6 and table IV, delete and substitute:

"1.2.1.6 Termination finish. The termination finish is identified by a single letter as shown in table IV. At the option of the user, termination finishes U, W, Y or Z may be substituted for any of the finishes (M through Z), with the exception that W or Y are not substitutable for Z.

TABLE IV. Termination finish.

Symbol	Finish
M	Palladium-silver
N <u>1/</u>	Silver-nickel-gold
P	Silver-copper-gold
Q	Palladium-gold
S	Solder coated, final
T	Silver
U	Base metallization-barrier metal-solder coated <u>2/</u>
W <u>3/</u>	Base metallization-barrier metal-tinned (tin or tin/lead alloy)
Y <u>3/</u>	Base metallization-barrier metal-tin (100 percent)
Z	Base metallization-barrier metal-tinned (tin/lead alloy, with a minimum of 4 percent lead)

1/ See 6.4.1.

2/ Solder will have a melting point of +200°C or less. Solder coat thickness will be a minimum of 60 microinches.

3/ See 6.11."

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- \* Table X, first column, delete "50,001 - 500,000" and substitute "150,001 - 500,000".

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- \* 4.8.4a, delete "#" and substitute "≤".

AMSC N/A

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MIL-PRF-55681E  
AMENDMENT 2

PAGE 27

- \* 4.8.14d, delete "maximum relative humidity of 60 percent" and substitute "relative humidity between 30 percent and 60 percent".

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APPENDIX B, B.1.1, first sentence; Delete and substitute: "This appendix details the procedure for submission of samples for qualification inspection of capacitors covered by this specification."

APPENDIX B; delete paragraph B.3.2.

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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