INTERPRET DRAWING SYMBOLS, ABBREVIATIONS AND REFERENCE DESIGNATIONS IN ACCORDANCE WITH GOVERNMENT STANDARDS PRESCRIBED IN MIL-O-70327.

SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE REQUIREMENTS SPECIFIED IN ND 1015404, CLASS 2.

UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002045 UNLESS MODIFIED OR AMENDED BY DESIGN REQUIREMENTS SECTION OF THIS DRAWING.

PACKAGING AND PACKING: FOR DASH NUMBERS 1 THRU 32 UNITS, PACKAGING AND PACKING SHALL BE IN ACCORDANCE WITH ND 1002129, FOR DASH NUMBERS 33 THRU 38 UNITS SHALL BE PACKED IN SUCH A MANNER AS TO INSURE THE FOLLOWING:

- EACH INDIVIDUAL PART SHALL BE SEPARATED FROM ALL OTHERS AND PACKED SECURELY TO PREVENT CONTACT DURING TRANSIT.
- LEADS SHALL BE SECURED AGAINST WHIPPING OR VIBRATION DURING TRANSIT.
- BODY MOUNTING SHALL BE SUCH THAT CAPACITORS CAN BE EASILY GRIPPED BY THE BODY AND REMOVED FROM THE PACKAGE."
SPECIAL CONDITIONING BY SUPPLIERS:
Burn-in: All units shall be subjected to 2 times rated voltage at 85°C for a minimum of 100 hours and a maximum of 300 hours. The last 48 hours shall be free of catastrophic failures. (i.e., shorts or opens).

The manufacturer shall determine and record the following electrical characteristics prior to and following burn-in:
- Capacitance
- Power factor
- Insulation resistance

Burn-in data shall be included with each shipment. The data shall be presented in a manner that provides positive identification of each individual capacitor with the initial test reading, the final reading and the percent change between the final and initial reading. The test data submitted shall also identify parts that fail to meet the specified requirements. Histograms shall be plotted to show the frequency distribution of the absolute value of each characteristic and to show the percent change of each characteristic from its initial reading. Units failing to meet initial drawing requirements or which exceed the specified limits for parametric changes following burn-in shall not be acceptable.

Limits:
- Capacitance: ±5 % of initial reading
- Power factor: initial limit
- Insulation resistance: initial limit

Notes:
1. These dash numbers are nonstandard values per MIL-C-11015/20.

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.