NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT HAS NOT ASSUMED A RESPONSIBILITY TO MAINTAIN, OR TO MAKE CORRECTIONS TO, SUCH DRAWINGS, SPECIFICATIONS, OR DATA.

NOTES:

1. THESE CAPACITORS SHALL MEET THE REQUIREMENTS OF MIL-C-11015 AND MIL-C-11015/20 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED. IN CASE OF CONFLICT BETWEEN THIS DRAWING AND REFERENCED SPECS, THIS DRAWING SHALL GOVERN.

   A. INSULATION RESISTANCE: 100 MICROFARAD-MEGOHMS OR 10,000 MEGOHMS WHICHEVER IS LESS.

   B. VALUES MARKED * ARE NON-STANDARD VALUES PER MIL-C-11015/20 BUT SHALL MEET ALL THE OTHER REQUIREMENTS.

   C. COLOR CODE: SHALL BE COLOR CODED WITH BANDS OR DOTS AS SHOWN IN FIGURE TO DENOTE CAPACITANCE VALUE IN PICOFARADS.

   D. VOLTAGE RATING: 100 VDC AT 85°C DERATED TO 50 VDC AT 125°C.

   E. LEAD MATERIAL: (DUMET) IRON-NICKEL ALLOY, COPPER CLAD, ANNEALED AND GOLD PLATED IN ACCORDANCE WITH ND 101540.

   F. MARKING: CAPACITORS SHALL BE MARKED WITH MANUFACTURER'S NAME OR SYMBOL, CAPACITANCE VALUE AND TOLERANCE, VOLTAGE RATING AND NASA PART NO.

   G. PARTS SHALL MEET ENVIRONMENTAL REQUIREMENTS OF ND 1002000.

   H. PARTS SHALL MEET QUALITY ASSURANCE PROVISIONS OF MIL-C-11015 AND SECTION 1 OF ND 101540.

2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

FOR SOURCE OF SUPPLY:
SEE QUALIFIED VENDOR LIST

FOR INFORMATION ONLY
CLASS B RELEASE TDR No. 20155

CAPACITOR, FIXED,
CERAMIC DIELECTRIC

SPECIFICATION CONTROL DRAWING
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

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