1. SCHEMA:
A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-8-70327.
B. RESISTORS SHALL MEET THE REQUIREMENTS OF MIL-R-23379 TYPE M12, CHARACTERISTIC C WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.
C. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE REQUIREMENTS OF ND 100207.
D. RESISTORS SHALL BE CAPABLE OF MEETING THE QUALIFICATION REQUIREMENTS OF ND 1002215.
E. MARKING: RESISTORS SHALL BE MARKED IN ACCORDANCE WITH ND 1002215 (WITH THE NASA PART NUMBER, REVISION LETTER, AND DASH NUMBER), RESISTANCE VALUE, TOLERANCE, POWER RATING.
F. PREPARATION FOR DELIVERY SHALL BE IN ACCORDANCE WITH ND 1002215 CLASS I, CODE 2.
   (1) SHIPPING CONTAINERS SHALL BE MARKED IN ACCORDANCE WITH THE MARKING OF UNIT AND INTERMEDIATE PACKAGES AND THE METHODS OF MARKING AS SPECIFIED IN ND 1002215.

2. ACCEPTANCE AND INSPECTION: SAMPLE
A. ELECTRICAL CHARACTERISTICS:
   (1) RESISTANCE AND TOLERANCE AS SPECIFIED IN TABULATION.
   (2) TEMPERATURE COEFFICIENT: ±100 PARTS PER MILLION PER DEGREE CELSIUS OVER THE RANGE FROM MINUS 65°C TO PLUS 275°C.
B. VENDOR SUPPLIED DATA: THE VENDOR SHALL SUPPLY THE FOLLOWING DOCUMENTATION WITH EACH SHIPMENT.
   (1) A CERTIFICATE OF COMPLIANCE WITH ALL THE REQUIREMENTS OF THIS DRAWING.
   (2) DATA REQUIREMENTS OF PARAGRAPH 4 SPECIFIED HEREIN.
   (3) CERTIFICATES OF COMPLIANCE CONTAIN THE FOLLOWING INFORMATION:
PURCHASE ORDER NUMBER, PART NUMBER (DRAWING NUMBER, REVISION LETTER, AND DASH NUMBER), QUANTITY AND DATE OF SHIPMENT.

3. DESIGN:
A. LEAD MATERIAL: TINNED COPPER. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCEPANY EACH LOT SHIPPED.
B. POWER RATINGS: 10 WATTS AT 25°C RATED LINEARLY TO ZERO AT 275°C.

4. SPECIAL CONDITIONING BY SUPPLIER:
A. TEMPERATURE CYCLING:
   RESISTORS SHALL BE TEMPERATURE CYCLED PER MIL-570-202, METHOD 102 CONDITION C. RESISTANCE SHALL BE MEASURED AT 25°C BEFORE TEMPERATURE CYCLING. RESISTANCE SHALL BE MEASURED AT 25°C NOT LESS THAN ONE HOUR BUT WITHIN A 24 HOUR PERIOD AFTER THE LAST CYCLE. RESISTORS SHALL SHOW NO EVIDENCE OF MECHANICAL DAMAGE, NON-SHALL THERE BE ANY EVIDENCE OF CHANGE IN RESISTOR COATING, ENCLOSURE OR OTHER PARTS WHICH WILL RESULT IN DEGRADATION OF PERFORMANCE. AS A RESULT OF THIS TEST THERE SHALL BE NO CHANGE IN RESISTANCE IN EXCESS OF 0.5 PERCENT PLUS 0.05 OHM.

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