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NOTES:

1. GENERAL REQUIREMENTS:
   A. ELECTRICAL:
      CONDUCTOR RESISTANCE (DC) AT 20°C: SHALL BE AS SHOWN IN TABLE 1.
      TEMPERATURE COEFFICIENT OF RESISTANCE (0°C - 100°C): .0048.
   B. MECHANICAL (BEFORE FORMING):
      COEFFICIENT OF LINEAR EXPANSION (20°C - 100°C): .000013.
      TENSILE STRENGTH AT 20°C: 155,000 PSI, MAXIMUM.
      60,000 PSI, MINIMUM.
      APPROXIMATE MELTING POINT: 1450°C.
      ELONGATION: 20% MINIMUM, PER 2 INCHES.
      WIRE SIZE: AS DELINEATED IN TABLE 1.

2. CONSTRUCTION REQUIREMENTS:
   A. CHEMICAL COMPOSITION OF MATERIAL:
      NICKEL: 99.56 PERCENT
      COPPER: .02 PERCENT
      IRON: .095 PERCENT
      CARBON: .04 PERCENT
      MANGANESE: .25 PERCENT
      SILICON: .03 PERCENT
      SULPHUR: .005 PERCENT
   B. WORKMANSHIP: THE WIRE SHALL BE UNIFORM IN QUALITY AND TEMPER, CLEAN, SOUND, SMOOTH AND FREE FROM INJURIOUS FOREIGN MATERIAL, SCRAPES, COLD SLOTS, LAPS, CRACKS, TWISTS, SCALE, DAMAGED ENDS, WELDS, SCORES, PITS, GALLS AND OTHER DEFECTS WHICH ARE NOT IN ACCORDANCE WITH THE BEST PRACTICE FOR HIGH QUALITY MATERIAL.
   C. PACKAGING:
      THE WIRE SHALL BE SHIPPED TOGETHER WITH A DESCANT AND SEALED IN A PACKAGE.
      THE WIRE SHALL BE WOUND ON A FIVE (5) INCH REEL AND THE TOTAL MAXIMUM WEIGHT OF THE WIRE SHALL NOT EXCEED FIFTEEN (15) POUNDS.

3. ENVIRONMENTAL REQUIREMENTS:

4. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327. (AS APPLICABLE).

5. A. WAIVE AS REQUIRED ALL INFORMATION PRESENTED ON THIS DRAWING EXCEPT LEAD MATERIAL SPEC.
   B. UPON SPECIFIC INSTRUCTION BY TD TECHNICAL DIRECTIVE procURE THIS PART AS CHANGE LETTER A. REFER TO VENDOR CATALOG NO. & SPECIFICATIONS. REFERENCE NO. 1002034.
   C. DISCLAIMER: THIS NOTE IN ITS ENTIRETY IF REFERENCE IS MADE TO THIS DRAWING BY OTHER THAN REVISION LETTER A.

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND1002034 FOR THIS DRAWING.