REQUIREMENTS:

1. GENERAL:
   A. UNITS SHALL BE CAPABLE OF MEETING THE REQUIREMENTS OF SPECIFICATION MIL-R-26, CHARACTERISTIC 6, FOR INSULATED TYPES; EXCEPT AS MODIFIED HEREIN.
   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015400, CLASS 2.
   C. INTERPRET DRAWING SYMBOLS, ABBREVIATIONS AND REFERENCE DESIGNATIONS IN ACCORDANCE WITH GOVERNMENT STANDARDS PRESCRIBED IN MIL-R-754D.
   D. PACKAGING: UNITS SHALL BE PACKAGED PER MIL-R-26, LEVEL A.

2. INSPECTION AND ACCEPTANCE:
   A. ELECTRICAL REQUIREMENTS:
      (1) RESISTANCE: PER TABLE
      (2) RESISTANCE TOLERANCE: ± 1%
   B. MECHANICAL REQUIREMENTS:
      (1) LEADS: NICKEL ALLOY PER ND 1015400, A CERTIFICATE OF COMPLIANCE TO THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.

3. DESIGN REQUIREMENTS:
   A. PER MIL-R-26 MODIFIED PER THIS DRAWING.
   B. POWER RATING: 3 WATTS @ 25°C DERATED TO ZERO AT 275°C.
   C. TEMPERATURE COEFFICIENT:
      (1) 50°C AND ABOVE: ± 20 PPM/°C
      (2) 1.075 AND 75°C: ± 40 PPM/°C
   D. RESISTANCE WIRE USED SHALL HAVE A MINIMUM DIAMETER OF 0.001 INCH. (SEE NOTES FOR EXCEPTIONS)
   E. BURN-IN TEST: THE MANUFACTURER SHALL BURN-IN ALL RESISTORS FOR 100 HOURS AT +25°C AT 3 WATTS @ COMMERCIAL LINE FREQUENCY 1/2 HR ON AND 1/2 HR OFF. UNITS CHANGING RESISTANCE MORE THAN 0.5% OR EXCEEDING THE INITIAL PURCHASE TOLERANCE SHALL BE REJECTED.

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002037 FOR THIS DRAWING.

5. MATERIALS:
   A. UNLESS OTHERWISE SPECIFIED TOLERANCES ON DIMENSIONS ARE IN INCHES.
   B. DO NOT SCALE THIS DRAWING.

6. QUALITY ASSURANCE:
   A. UNITS SHALL BE CAPABLE OF MEETING THE REQUIREMENTS OF SPECIFICATION MIL-R-26, CHARACTERISTIC 6, FOR INSULATED TYPES; EXCEPT AS MODIFIED HEREIN.
   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015400, CLASS 2.
   C. INTERPRET DRAWING SYMBOLS, ABBREVIATIONS AND REFERENCE DESIGNATIONS IN ACCORDANCE WITH GOVERNMENT STANDARDS PRESCRIBED IN MIL-R-754D.
   D. PACKAGING: UNITS SHALL BE PACKAGED PER MIL-R-26, LEVEL A.

7. INSPECTION AND ACCEPTANCE:
   A. ELECTRICAL REQUIREMENTS:
      (1) RESISTANCE: PER TABLE
      (2) RESISTANCE TOLERANCE: ± 1%
   B. MECHANICAL REQUIREMENTS:
      (1) LEADS: NICKEL ALLOY PER ND 1015400, A CERTIFICATE OF COMPLIANCE TO THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.

8. DESIGN REQUIREMENTS:
   A. PER MIL-R-26 MODIFIED PER THIS DRAWING.
   B. POWER RATING: 3 WATTS @ 25°C DERATED TO ZERO AT 275°C.
   C. TEMPERATURE COEFFICIENT:
      (1) 50°C AND ABOVE: ± 20 PPM/°C
      (2) 1.075 AND 75°C: ± 40 PPM/°C
   D. RESISTANCE WIRE USED SHALL HAVE A MINIMUM DIAMETER OF 0.001 INCH. (SEE NOTES FOR EXCEPTIONS)
   E. BURN-IN TEST: THE MANUFACTURER SHALL BURN-IN ALL RESISTORS FOR 100 HOURS AT +25°C AT 3 WATTS @ COMMERCIAL LINE FREQUENCY 1/2 HR ON AND 1/2 HR OFF. UNITS CHANGING RESISTANCE MORE THAN 0.5% OR EXCEEDING THE INITIAL PURCHASE TOLERANCE SHALL BE REJECTED.

9. SPECIAL CONDITIONING BY SUPPLIER:
   A. PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002037 FOR THIS DRAWING.
### Complete Part Number

Complete part number is the drawing number plus the applicable dash number.

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#### Notes

1. Units 68 thru 91, 97 thru 106, and 109 thru 111 not available using .001 min, dia. wire.