2. INSPECTION AND ACCEPTANCE: (100% UNLESS OTHERWISE SPECIFIED)
   A. MECHANICAL REQUIREMENTS:
      (1) DIMENSIONS AND PART MARKING: AS DELINEATED HEREIN.
      (2) LEADS SHALL BE UNCOATED ANNEALED NICKEL IN ACCORDANCE
          WITH ND1015400.
      (3) PULSE DECAY TIME: 0.3 MICROSECOND MAXIMUM.
      (4) PULSE WAVEFORM: FIGURE 1 WILL REPLACE THE TEST CIRCUIT,
          FIGURE 4 OF MIL-T-21038B.
      (5) PRIMARY INDUCTANCE (Lp): 1.7 MH ± 10%, MEASURED AT
          TERMINALS 3-4 WITH TERMINALS 1-2 OPEN. INPUT CAPACITANCE
          SHALL BE ACCOUNTED FOR IN MEASUREMENT.
      (6) INPUT CAPACITANCE (C1): 0.0 UF MAXIMUM MEASURED AT
          TERMINALS 3-4 WITH TERMINALS 1-2 OPEN.
      (7) DC RESISTANCE:
          (a) TERMINALS 1-2: 1.4 OHMS MAXIMUM.
          (b) TERMINALS 3-4: 2.7 OHMS MAXIMUM.
      (8) TRANSFORMER PULSE JUMP:
          THE TRANSFORMER SHALL MEET THE FOLLOWING SPECIFICATIONS
          MEASURED AT STANDARD CONDITIONS EXCEPT AS OTHERWISE
          SPECIFIED.
          (a) PULSE JUMP: SHALL BE 5 VOLT RMS MAXIMUM.
          (b) PULSE VOLTAGE: 20 VOLTS MINIMUM.
          (c) DROOP: 400 MILLIVOLTS MAXIMUM.
          (d) PULSE WAVEFORM: USEC PULSE DEFINITION AND
              MEASUREMENTS SHALL BE IN ACCORDANCE WITH PARAGRAPHS
              3.12 AND 4.8.8 OF MIL-T-21038B. THE TRANSFORMER OUTPUT
              SHALL MEET THE FOLLOWING SPECIFICATIONS MEASURED AT
              STANDARD CONDITIONS EXCEPT AS OTHERWISE SPECIFIED:
              THE TEST SHALL BE PERFORMED ON A 5% SAMPLE OF EACH
              SHIPMENT WITH NO FAILURES ALLOWED.

3. DESIGN REQUIREMENTS:
   A. POWER RATING: 0.3 WATT AT 25°C DERATED LINEARLY TO
      .05 WATT AT 105°C.
   B. DUAL ELECTRIC ISOLATION Shall BE AT REDUCE BAROMETRIC
      CONDITIONS IN ACCORDANCE WITH PARAGRAPHS 4.8.4.4 OF
      MIL-T-21038B. THE TEST SHALL BE FIVE (5) CYCLES.
   C. UNITS SHALL MEET THE FOLLOWING SPECIFICATIONS MEASURED AT
      STANDARD CONDITIONS EXCEPT AS OTHERWISE SPECIFIED:
      (a) OVERSHOOT: N/A
      (b) DROOP: N/A
      (c) TERMINALS 3-4: 2.7 OHMS MAXIMUM.
      (d) TERMINALS 1-2: 1.4 OHMS MAXIMUM.