TABLE I

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Conditions</th>
<th>Symbol</th>
<th>Min</th>
<th>Max</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZENER VOLTAGE</td>
<td>37 ± 8%</td>
<td>Vz</td>
<td>9.5</td>
<td>10.5</td>
<td>VOLTS</td>
</tr>
<tr>
<td>ZENER IMPEDANCE</td>
<td>32 ± 8%</td>
<td>Zz</td>
<td>5</td>
<td>10</td>
<td>QRS</td>
</tr>
<tr>
<td>LEAKAGE CURRENT</td>
<td>32 ± 8%</td>
<td>If</td>
<td>700</td>
<td></td>
<td>QRS</td>
</tr>
<tr>
<td>ZENER VOLTAGE CHANGE</td>
<td>32 ± 8%</td>
<td>ΔVz</td>
<td>0.5</td>
<td></td>
<td>VOLTS</td>
</tr>
</tbody>
</table>

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-7037.
2. UNITS SHALL MEET THE REQUIREMENTS OF MIL-S-19500 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HERIN.
3. THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS PRESCRIBED BY MIL-STD-860, CLASS 2.
4. UNITS SHALL BE CAPABLE OF MEETING THE QUALIFICATION REQUIREMENTS OF NO 100204.
5. PACKAGING AND PACKING: UNITS SHALL MEET THE REQUIREMENTS OF MIL-P-19491, LEVEL A IN BOTH INSTANCES.

2. ACCEPTANCE AND INSPECTION:
   A. MECHANICAL CHARACTERISTICS:
      (1) MARKING: DIODES SHALL BE MARKED IN ACCORDANCE WITH MIL-S-19500 WITH THE JEDIC TYPE NUMBER AND POLARITY.
      (2) LEAD MATERIAL: LEAD MATERIAL SHALL BE IRON-NICKEL ALLOY (DUMET) IN ACCORDANCE WITH PS 1015401.
      (3) TERMINAL STRENGTH: EACH LEAD SHALL BE CAPABLE OF WITHSTANDING A LEAD TENSION TEST IN ACCORDANCE WITH MIL-ST-705, TECHNICAL CONDITION A.
      (4) Dimensions: PER OUTLINE, SIMPLE IN ACCORDANCE WITH MIL-ST-705, TECHNICAL CONDITION A.
      (5) One (1) Minute: SAMPLE-Y N ACCORDANCE WITH MIL-ST-105C INSPECTION LEVEL 1 OF A PERCENT.
      (6) ELECTRICAL CHARACTERISTICS: (100% INSPECTION PER TABLE I)
         (1) ZENER VOLTAGE: Vz
         (2) ZENER VOLTAGE CHANGE: ΔVz
         (3) ZENER IMPEDANCE: Zz
         (4) LEAKAGE CURRENT: If
   B. ELECTRICAL CHARACTERISTICS:
      (1) ZENER VOLTAGE: Vz
      (2) ZENER VOLTAGE CHANGE: ΔVz
      (3) ZENER IMPEDANCE: Zz
      (4) LEAKAGE CURRENT: If
   C. DESIGN:
      (1) ZENER CURRENT: 125 MILLIAMPERES DC
      (2) D.C. POWER DISSIPATION: 1.5 WATTS. CASE TEMP OF 25°C

PROCURE ONLY FROM APPROVED SOURCES LISTED IN NO 100204 FOR THIS DRAWING.