REQUIREMENTS:

1. GENERAL:
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN ND 102215, CLASS 2.
   C. PREPARATION FOR DELIVERY: PACKAGING AND PACKING SHALL BE IN ACCORDANCE WITH ND 102215, CLASS 2, CODE 1 WITH THE FOLLOWING SPECIFIC REQUIREMENTS.
   (1) SHIPPING CONTAINERS SHALL BE PERMANENTLY AND LEGIBLY MARKED EXTERNALLY AND INTERNALLY, IN ACCORDANCE WITH MIL-S-129, WITH THE MANUFACTURER’S NAME, PART NUMBER, AND NASA PART NUMBER (DRAWING NUMBER AND REVISION LETTER).

2. ACCEPTANCE AND INSPECTION:
   A. MECHANICAL REQUIREMENTS:
      (1) DIMENSIONS: AS DEFINED HEREIN.
      (2) LEADS: MUST BE SOLDERABLE.
   B. ELECTRICAL REQUIREMENTS:
      (1) MAXIMUM VOLTAGE: UNITS SHALL WITHSTAND 50 VOLTS DC AT 25°C IN FREE AIR WITHOUT DAMAGE OR A PERMANENT CHANGE IN RESISTANCE VALUE.
      (2) RESISTANCE VALUE VS TEMPERATURE: ZERO-POWER CHARACTERISTIC

<table>
<thead>
<tr>
<th>TEMPERATURE °C</th>
<th>RESISTANCE OHMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>-40</td>
<td>40 MAX</td>
</tr>
<tr>
<td>00</td>
<td>80 MAX</td>
</tr>
<tr>
<td>020</td>
<td>080 MAX</td>
</tr>
</tbody>
</table>

COLOR CODE (ORANGE)

0.354 MAX

2.00

2.25

0.236 MAX

0.19

0.020 DIA LEADS