REQUIREMENTS:

UNIT SHALL BE IN ACCORDANCE WITH MIL-T-27A, TYPE TFSR4122 IN ADDITION TO THE REQUIREMENTS SPECFIICED HEREIN.

GROUP I (INSPECTION BY SUPPLIER AND USER):

LEAD DATA: NICKEL LEADS PER NASA DOCUMENT ND 1015400. A CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.

POLARITY: TERMINALS 1 AND 4 SHALL HAVE THE SAME INSTANTANEOUS POLARITY.

ELECTRICAL CHARACTERISTICS: PER TABLE I.

MATCHING IMPEDANCE
DC RESISTANCE
TURN RATIO
POWER LEVEL
MARKING: UNITS SHALL BE MARKED PER MIL-STD-130 WITH THE MANUFACTURER'S NAME, TRADE MARK OR CODE AND TYPE DESIGNATION, AND SCHEMATIC SHOWING LEAD IDENTIFICATION.

GROUP II (DESIGN REQUIREMENTS):

ELECTRICAL SPECIFICATION: PER TABLE I

UNITS SHALL MEET THE QUALIFICATION REQUIREMENTS OF ND 100246.

UNITS SHALL MEET INDUCED VOLTAGE REQUIREMENTS OF MIL-T-27A.

SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PER NASA DOCUMENT 1015404, CLASS 2.

INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

TABLE 1

<table>
<thead>
<tr>
<th>POWER LEVEL</th>
<th>PRIMARY MATCHING IMPEDANCE</th>
<th>SECONDARY MATCHING IMPEDANCE</th>
<th>DC RESISTANCE IN PRIMARY</th>
<th>DC RESISTANCE IN SECONDARY</th>
<th>TURN RATIO</th>
<th>DC TEST VOLTAGE AT 500 deg.</th>
<th>RESISTANCE (AT 500 deg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW</td>
<td>OHMS</td>
<td>OHMS</td>
<td>OHMS</td>
<td>OHMS</td>
<td>V/A</td>
<td>OHMS</td>
<td>OHMS</td>
</tr>
<tr>
<td>50</td>
<td>1500 CT</td>
<td>400</td>
<td>3</td>
<td>166</td>
<td>92</td>
<td>1.581</td>
<td>500</td>
</tr>
</tbody>
</table>

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00671 DATE 20 Mar 63

R 4 PLACES

DIA 6 LEADS

MATERIAL

TRANSFORMER, AUDIO

SPECIFICATION CONTROL DRAWING

DRAFTS C OR SET 1 | DATE 4/11/63

APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES ON FRACTIONS: DECAWS

ANGLES: 1/16

DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

HEAT TREATMENT

NEXTassy

APPLICATION

NOMENCLATURE OR IDENTIFYING NO.

MASTER

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.