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1620101		REVISIONS	
SYM	DESCRIPTION	DATE	APPROVAL
-			

REQUIREMENTS:

UNIT SHALL BE IN ACCORDANCE WITH MIL-T-27A, TYPE TFSRX13ZZ IN ADDITION TO THE REQUIREMENTS SPECIFIED 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

TURNS 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 1002047.

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.

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00621 DATE 20 Mar 63

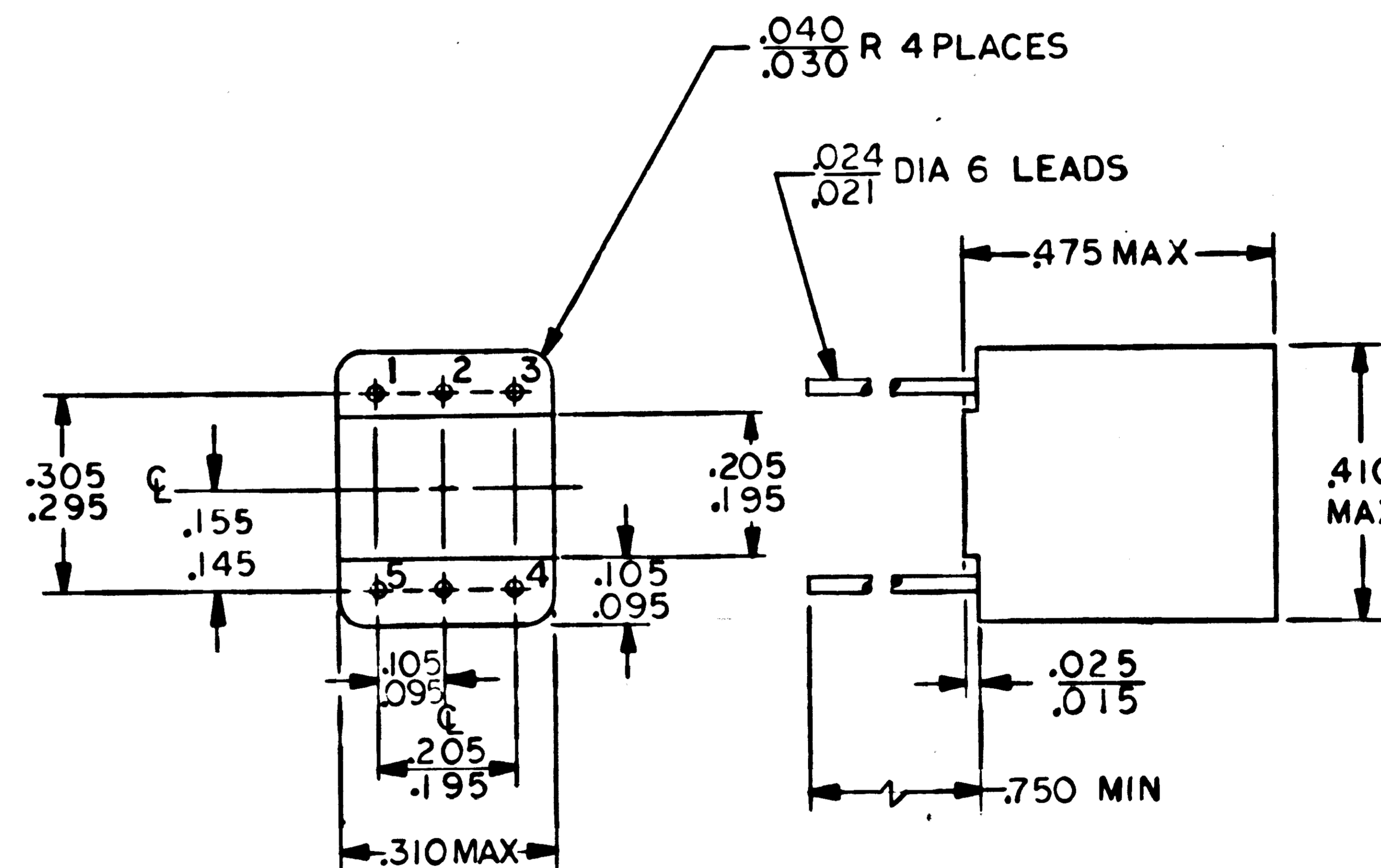
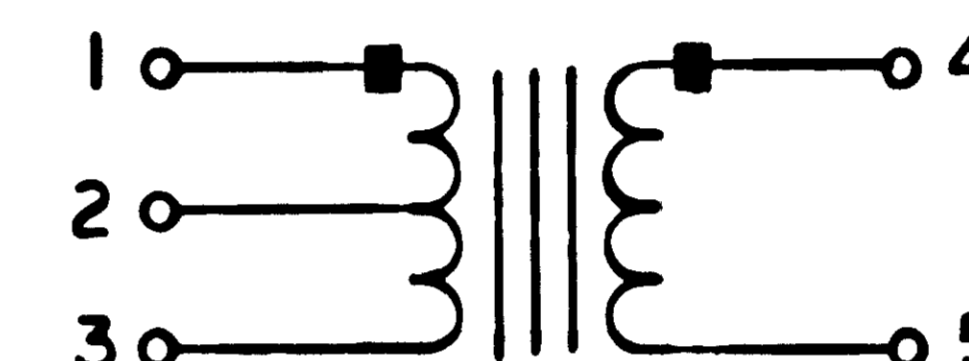


TABLE I

POWER LEVEL	MATCHING IMPEDANCE		UNBALANCED DC CURRENT IN PRIMARY	DC RESISTANCE (±20%)		TURNS RATIO (±3%)	TEST VOLTAGE	INSULATION RESISTANCE (AT 500 VDC)
	PRIMARY	SECONDARY		PRIMARY	SECONDARY			
	OHMS	OHMS		MA DC	OHMS			
MW							V _{RMS}	MEGOHM
50	1500 CT	600	3	168	92	1.58:1	500	10 K (MIN)

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON FRACTIONS' DECIMALS ANGLES	± ± ±
DO NOT SCALE THIS DRAWING	
MATERIAL	SEE NOTES
HEAT TREATMENT	NONE
FINAL FINISH	NONE
NEXT ASSY	USED ON
APPLICATION	

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			
MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN <i>C. La Court</i> DATE 30 Dec 62		TRANSFORMER, AUDIO	
CHECKED <i>S.S. Pugh</i> 22 Feb 63		SPECIFICATION CONTROL DRAWING	
APPROVAL <i>[Signature]</i> 3/19/63		NASA DRAWING NO. 1010291	
NASA APPROVAL <i>[Signature]</i> 3/19/63		CODE IDENT NO.	SIZE
MIT APPROVAL <i>[Signature]</i> 20 Mar 63		C	WT
		SCALE NONE	SHEET 1 OF 1

