

USED ON  
AM-5116-B

DWN NO.:  
124562

DESCRIPTION OUTPUT XFORMER  
PRI-20K - SEC MULT LINE

LOOP NO. H-40 1 LOOP .004 GRADE HIPERSIL WT. .134  
STACK GA

BUTT INTERFERED BY ZERO GAP

U INSULATION WHILE POTTING FRAME COIL + CORE

FINISH LIGHT LANGEVIN CASE & LID AFTER ASSY  
NO PAINT ON HEADER OR LEADS

FRAME OR BRACKET NO. NONE

CASE NO. HUDSON HU-6080-ST

COVER 259361 HUDSON HU-6080CA-ST

BOX LABEL NO. HIPERSIL BAND & SEAL (1) EACH

TERMINAL NO. NUTS

WASHERS

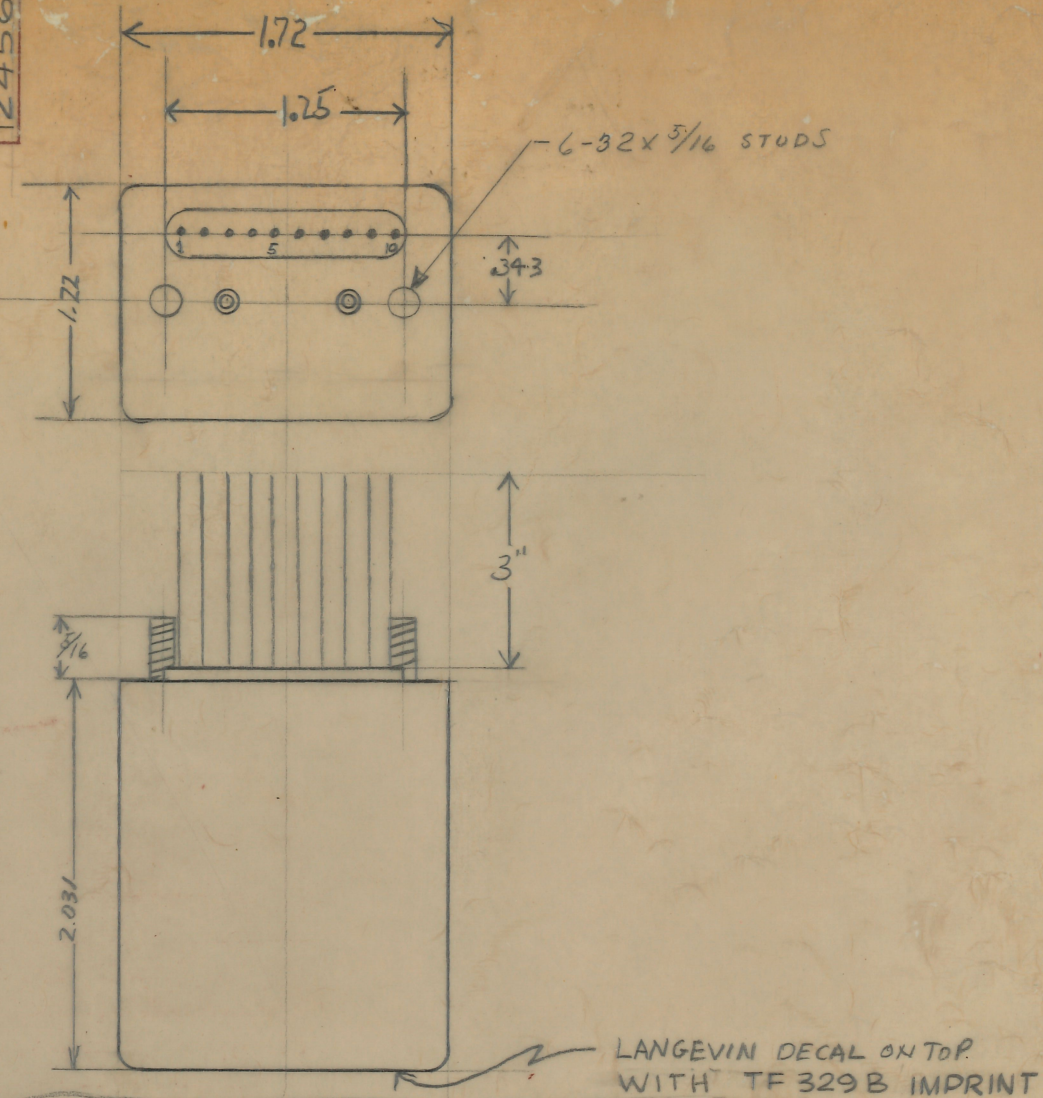
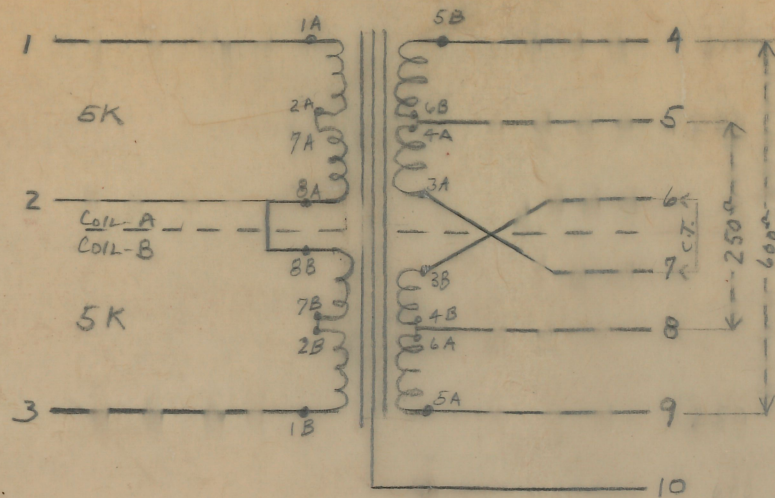
FIBER GROMMET

CLAMPING SCREWS + NUTS

NAME PLATE NO. DECAL

TUBE (4 L .007 GK + 1 L .003 GA) + 1 L .00075 G

SCHEMATIC

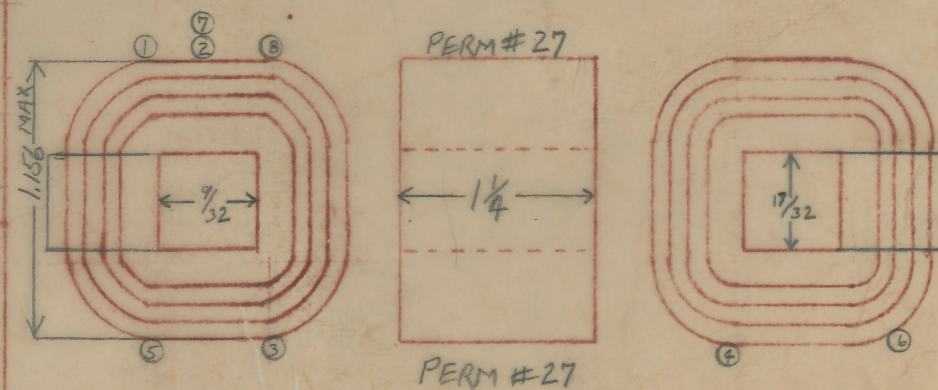


WINDING	PRI-1	SEC-1	SEC-2	PRI-2
WIRE	39	35	35	39
PAPER	.00075G	.001G	.001G	.00075G
TURNS	2875	726	399	2875
TAB	-	-	-	-
TURNS/LAYER	242	146	146	242
NO. LAYERS	12	5	3	12
WDG LENGTH	1 1/16	1 1/16	1 1/16	1 1/16
WDG %	92	88	88	92
LEADS	#22 DEAD SOFT COPPER TINNED	← SAME	← SAME	← SAME
LEAD NOS	1 2	3 4	5 6	7 8
WRAPPER	2L .0015GA	2L .0015GA	2L .0015GA	2L .005GRR
CU WT	.085 (TWO COILS)	.0415 (TWO COILS)	-	-

\*PRI. Z 60K MIN  
4V-60N

WIND TWO COILS PER TRANSFORMER

82" TAPE 3M-3  
PERM-27



NO. LOAD TEST	* ADDITIONAL TEST
PRI V. 11.5 CT	
SEC-1V 0 - .726	1.125
SEC-2V VEL - BRN - BLUE	
SEC-3V BLK - GRN	SEC-5V ORG
SEC-4V	SEC-6V
500V V	BREAKDOWN TEST BETWEEN WDGs NO. 1-2-3-4
	+ TO CORE + WDGs NO.
	BETWEEN WDGs NO.
	+ TO CORE + WDGs NO.
	BETWEEN WDGs NO.
	+ TO CORE + WDGs NO.
APPLY	VOLTS 500V
BETWEEN LEADS NO.	+
DATE	ENG APPD

REV.	E.O.	DWN.	DATE	CK'D.
4	215	JA	9-27-62	JLE
5				

COVER WAS A-1912, NO LONGER USE BUSHING A-154 (A-3151-000).  
DECAL IMPRINT WAS TF129/329.  
4/14/67 S.J.B.

MATERIAL:	SCALE	ENG.
TOLERANCE: UNLESS OTHERWISE NOTED		
DECIMAL .XX ± .015	DWN. BY	CHK.
.XXX ± .005	JH	
ANGULAR ± 0°30'	DATE:	
SURFACE ROUGHNESS	9-18-62	

FINISH LANGEVIN GRAY

SANTA ANA, CALIFORNIA

TITLE: OUTPUT XFORMER  
20K PRI-TO MULT LINE

CAT # TF-329-B

DWN. NO. 124562