

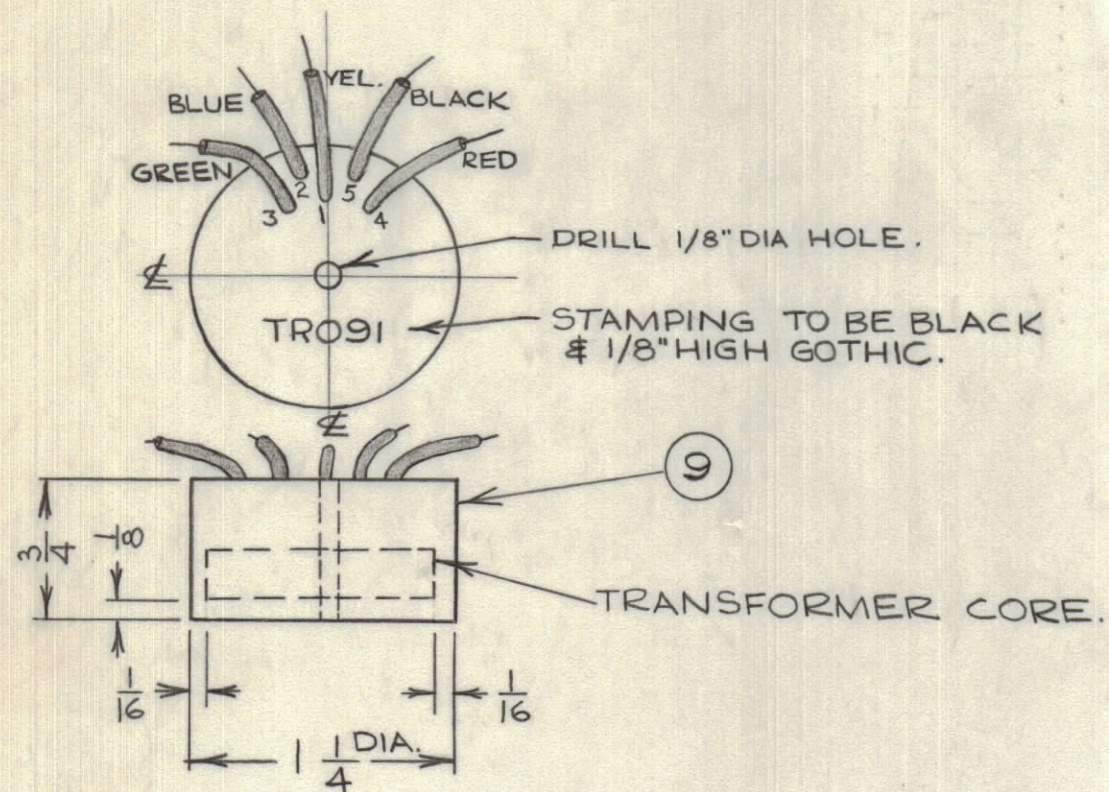
TOP SECURITY

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.		DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.			
ISSUE	ITEM	CHANGED FROM	DATE
A		XFORM LEADS NUMBERED	10-20-64
		CN. NO.	17661
		DRAFTS	JL
		CHECKER	
		ENG. APP.	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CI-10001-3	Core: ferrite, 3C material	
5*	2	WI-10001-11	Wire: 30g, D.C.C.	
2"	3	PX-104-3-.034	Sleeving: 0.034, red	
2"	4	PX-104-1-.034	Sleeving: 0.034, black	
2"	5	PX-104-2-.034	Sleeving: 0.034, yellow	
2"	6	PX-104-6-.034	Sleeving: 0.034, blue	
2"	7	PX-104-4-.034	Sleeving: 0.034, green	
-	8	GL-103	Cement: Duco	
-	9	GL-10002	Potting Compound: Laminac	
-	10	BS-100	Solder: soft	
	11			

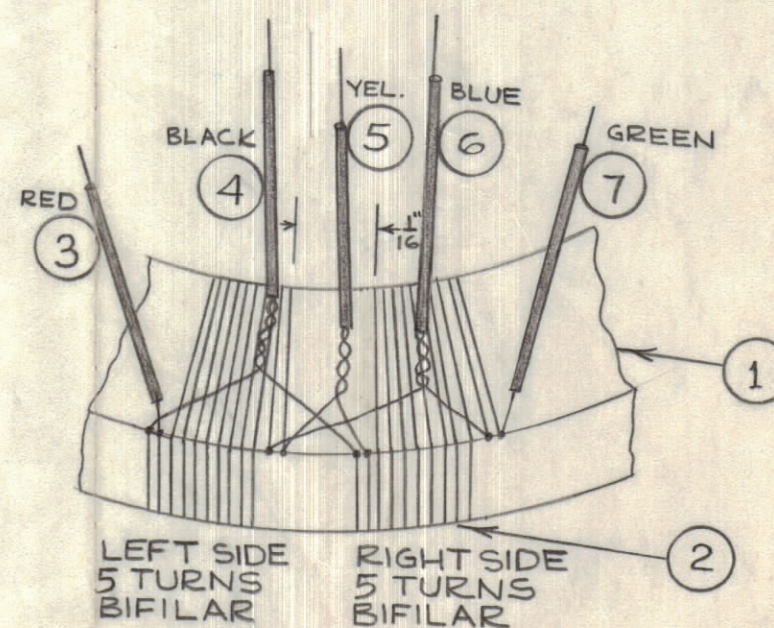
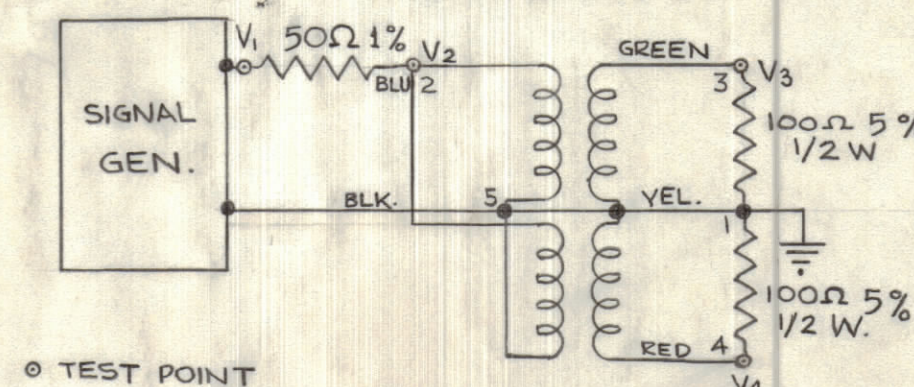
POTTING DETAIL

FOR COLD POTTING PROCEDURE SEE SPECIFICATION S-10072.



BEFORE POTTING				
Mc/s	V ₁	V ₂	V ₃	V ₄
2	1.00	0.50	0.50	0.50
4	1.00	0.50	0.50	0.50
8	1.00	0.49	0.48	0.48
16	1.00	0.49	0.49	0.48
30	1.00	0.50	0.49	0.46
AFTER POTTING				
Mc/s	V ₁	V ₂	V ₃	V ₄
2	1.00	0.50	0.50	0.50
4	1.00	0.50	0.50	0.50
8	1.00	0.50	0.49	0.49
16	1.00	0.49	0.49	0.48
30	1.00	0.47	0.49	0.44

TEST DETAIL



NOTE: ALL LEADS 1-1/2" LONG OVERALL AFTER POTTING WIRE PROJECTS 1/4" FROM SLEEVE & IS TINNED.

A10325 A

WINDING DETAIL

- 1.) Left Side Winding.
 - 1.1 Take two lengths of item 2 and wind both together for 5 turns on item 1 as shown above.
 - 1.2 Check that windings are tight and the turns are as close together as possible.
 - 1.3 Secure the wire where it leaves the core with item 8 and allow to dry.
- 2.) Right Side Winding.
 - 2.1 Wind the right side in exactly the same way as the left side and secure as before.
 - 2.2 Check that the windings are 1/16" apart at the top inside edge of the core.

- 3.) Connection of Windings
 - 3.1 Bend all the leads vertically upwards from the top outside edge of the core and carefully strip away the insulation to 1/4" from the core.
 - 3.2 Prevent the remaining cotton unravelling by a dot of item 8 on each lead and while still wet, slip on the red and green sleeves and allow to dry.
 - 3.3 Twist together the three pairs of wire as shown, solder the junctions and slip on the blue, yellow and black sleeves. Ensure that the untwisted portions of the twisted leads lay as close as possible to the transformer core.

NOTICE TO PERSONS RECEIVING THIS DRAWING

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W/O AUTHORIZATION
AUTH. BY: _____
DATE: _____

TOLERANCES		SCALE: NTS
ALL OTHERS	DEC. DIM. ± 1/64"	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

TRO91	E2160-1	A10326	June 20/61
MODEL	PROJECT NO.	ASS'Y. NO.	DATE

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL		ASS'Y OF TRO91	
TYPE & TEMPER	JPC	RW3	RW3
HEAT TREAT. SPEC.	CHECKED		FINAL APPROVAL
FINISH & SPEC. NO.			A10325 A