

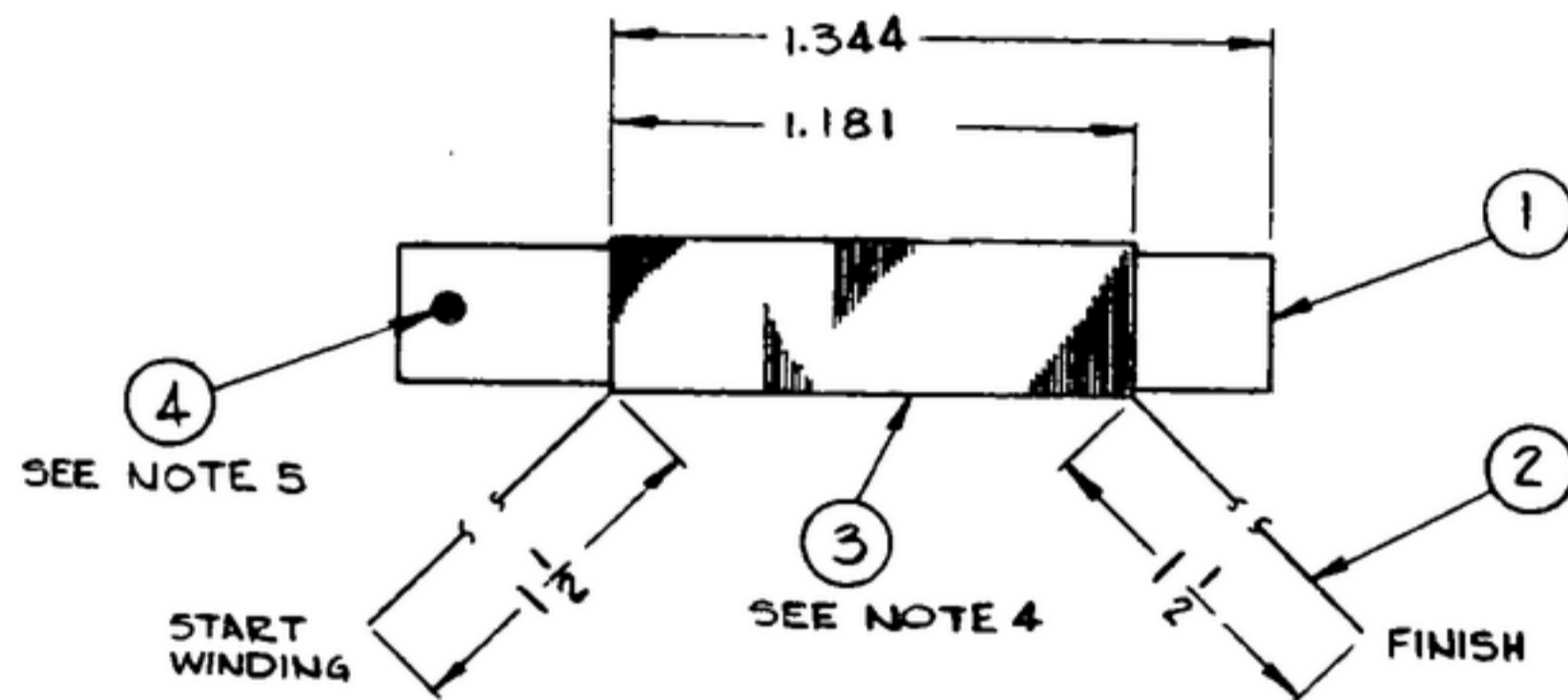
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NOTE:

\*FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS

SWE APPROVAL		REVISIONS			
SYM	PR	SYM	DESCRIPTION	DATE	APPROVAL
A <sub>1</sub>		A <sub>1</sub>	A <sub>1</sub> - REVISED & REDRAWN	16 DEC. 59	42428-PC-59 -N-51 REV. HFE



NOTES:

1. COIL TO BE WOUND TO MEET ELECTRICAL REQUIREMENTS SPECIFIED ON SM-D-249098.
2. TYPICAL WINDING DATAS:  
NO. OF TURNS: 107  
TYPE OF WIND: VARIABLE PITCH PROGRESSIVE UNIVERSAL
3. WIRE: SINGLE NYLON SERVING OVER 9 STRANDS OF NO. 44 AWG SINGLE CONDUCTOR WIRE WITH SINGLE POLYURETHANE FILM INSULATION. DRAW & ANNEALED COPPER TWISTED FOR FLEXIBLE CONSTRUCTION. AS SUPPLIED BY KERRIGAN LEWIS MFG. CO., CHICAGO, ILL. OR EQUAL.
4. THE COIL WINDING SHALL BE SUFFICIENTLY COATED TO FIRMLY ANCHOR ALL WIRES. COATING MATERIAL (ITEM 3) TRANSPARENT "Q" MAX. #A27 TO BE SUPPLIED BY COMMUNICATIONS PRODUCTS CO. INC., MARLBORO, N.J. OR EQUAL.
5. FOR IDENTIFICATION USE, COLOR CODING LACQUERS (ITEM 4) AS SUPPLIED BY CAPITAL CHEMICAL CO., CHICAGO, ILL. OR EQUAL. APPLY DESIGNATED COLOR ONTO COIL FORM LOCATED AS SHOWN. FOR R.F. COILS -- ORANGE DOT (1/8 DIA)
- \*6. S.W.E. WINDING PROCEDURE FOR 3 - 2 MC I.F. COIL SPECIFIED ON 12P205239.

SWE PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	NOTES
<del>205111266-4</del>	4	AS REQD		LACQUER, COLOR CODE ORANGE		TT-L-31	5
<del>205110664-5</del>	3	AS REQD		LACQUER			4
<del>305130137-944</del>	2	1	SM-B-283281-1	WIRE, MAGNET (105 INCHES TYP)			3
	1	1	SM-B-178374	FORM, COIL			

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED				COLLINS RADIO CO.		DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES  FORT MONMOUTH NEW JERSEY
DIMENSIONS ARE IN INCHES				CEDAR RAPIDS, IOWA		
TOLERANCES ON FRACTIONS DECIMALS ANGLES				14214-PH-51-93		
± 1/64 ± .005 ±				SIGNAL CORPS		
				DRAWN BY L BRIGGS	REVIEWED PME	COIL ASSY
				CHECKED BY BG	APPROVED HLY PME	
				CHIEF DRAFTS	DATE 7 MAR 58	
NEXT ASSY	USED ON	NEXT ASSY	USED ON	ENG APPROVAL	SCALE 2/1	SM-B-283281
SWE APPLICATION		APPLICATION				