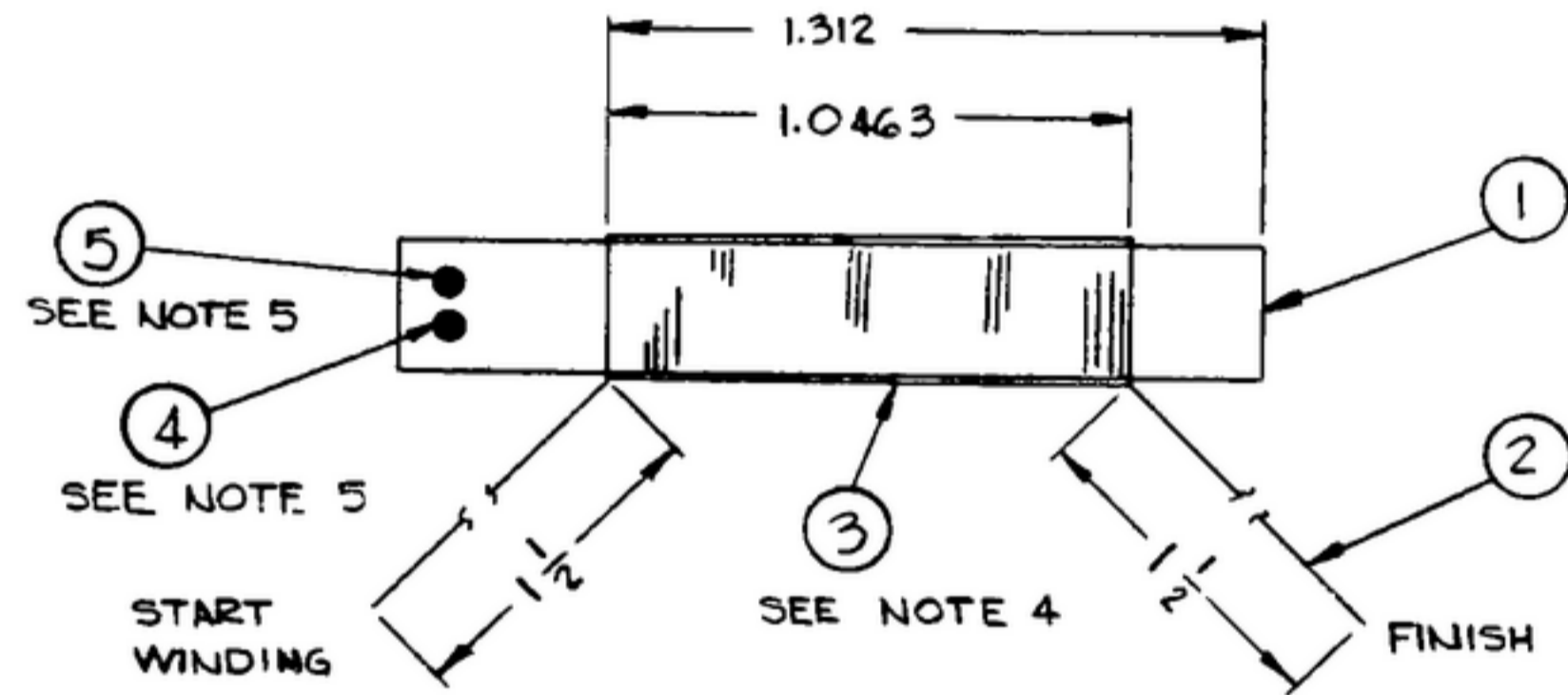


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NOTE: \*FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS

SWE APPROVAL		REVISIONS			
SYM	PR	SYM	DESCRIPTION	DATE	APPROVAL
M	1004277	A1	REVISED & REDRAWN	18 DEC 59	AZAZA-PC-59 -A1-51 REV'D PHE



- NOTES:
1. COIL TO BE WOUND TO MEET ELECTRICAL REQUIREMENTS SPECIFIED ON SM-D-249086.
  2. TYPICAL WINDING DATAS:  
NO. OF TURNS: 154  
TYPE OF WIND: VARIABLE PITCH PROGRESSIVE UNIVERSAL
  3. WIRE: SINGLE NYLON SERVING OVER 5 STRANDS OF NO. 42 AWG SINGLE CONDUCTOR WIRE WITH SINGLE POLYURETHANE FILM INSULATION. DRAWN & 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 & 5) AS SUPPLIED BY CAPITAL CHEMICAL CO., CHICAGO, ILL. OR EQUAL. APPLY DESIGNATED COLOR ONTO COIL FORM LOCATED AS SHOWN. FOR ANTENNA COILS -- BLACK AND RED DOTS (1/8 DIA TYP.)
  - \* 6. S.W.E. PROCESS WINDING PROCEDURE FOR .5-1.MC ANT. COIL SPECIFIED ON 12P205227.

SWE PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	NOTES
<del>205111266-3</del>	5	AS REQD		LACQUER, COLOR CODING (RED)		TT-L-31	5
<del>205111266-1</del>	4	AS REQD		LACQUER COLOR CODING (BLACK)		TT-L-31	5
<del>205110664-5</del>	3	AS REQD		LACQUER			4
<del>305130137-642</del>	2	1	SM-B-283279-1	WIRE, MAGNET (160 INCHES TYP)			3
	1	1	SM-B-178374	FORM, COIL			

LIST OF MATERIAL

				UNLESS OTHERWISE SPECIFIED		GALLINS 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 PHE		COIL ASSY	
				CHECKED BY EG		APPROVED HLY			
				CHIEF DRAFTS		PHE			
NEXT ASSY		USED ON		SM-D-249086 SC-DL-248275		DATE 5 MAR 58		SCALE 2/1	
* SWE APPLICATION		APPLICATION		ENG APPROVAL				SM-B-283279	