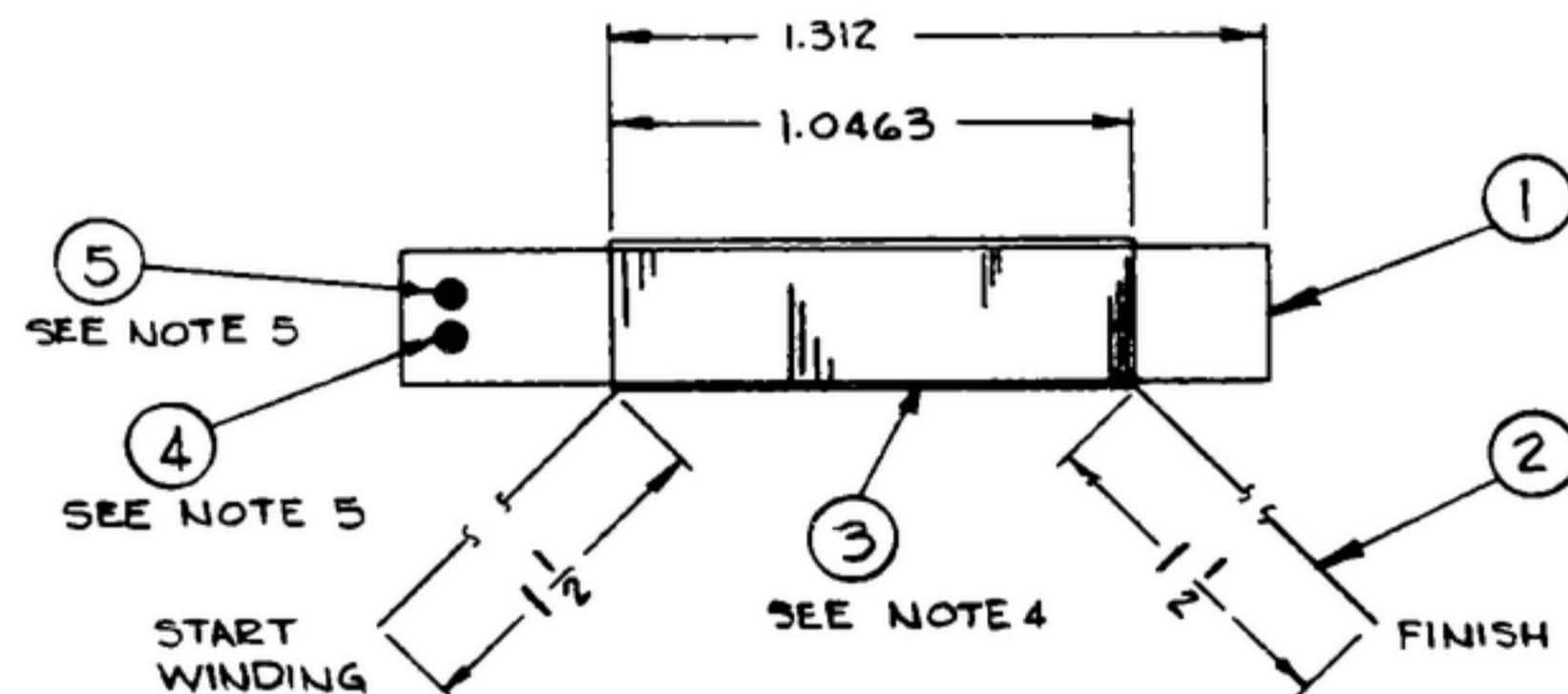


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NOTE: *FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS

SWE APPROVAL		REVISIONS		
SYM	DESCRIPTION	DATE	APPROVAL	
A ₁	REVISED & REDRAWN	16 DEC 59	42428-PC-59 -N-3 [REV'D. PHE]	



NOTES:

- COIL TO BE WOUND TO MEET ELECTRICAL REQUIREMENTS SPECIFIED ON SM-D-249093 & SM-D-249087.
- TYPICAL WINDING DATAS:
NO. OF TURNS: 100
TYPE OF WIND: VARIABLE PITCH PROGRESSIVE UNIVERSAL
- WIRE: SINGLE NYLON SERVING OVER 6 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.
- THE COIL WINDING SHALL BE SUFFICIENTLY COATED TO FIRMLY ANCHOR ALL WIRES. COATING MATERIAL (ITEM 3) TRANSPARENT "D" MAX. #A27 TO BE SUPPLIED BY COMMUNICATIONS PRODUCTS CO. INC., MARLBORO, NEW JERSEY OR EQUAL.
- 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 R.F. COILS -- BROWN DOT (1/8 DIA. TYP).
FOR ANT. COILS -- BLACK & BROWN DOTS.
- *S.W.E. WINDING PROCEDURE FOR .1-2 MC R.F. COIL SPECIFIED ON 12P205224.
1-2 MC ANT. COIL SPECIFIED ON 12P205228

20S111266-2	5	AS REQD		LACQUER, COLOR CODING, (BROWN)		TT-L-31	5
20S111266-1	4	AS REQD		LACQUER, COLOR CODING, (BLACK)		TT-L-31	5
20S1110664-5	3	AS REQD		LACQUER			4
30S130137-6-42	2	1	SM-B-283280-1	WIRE, MAGNET (103 INCHES TYP)			3
	1	1	SM-B-178374	FORM, COIL			
SWE PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	NOTES

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED				GOLLINS RADIO CO.		DEPARTMENT OF THE ARMY	
DIMENSIONS ARE IN INCHES				CEDAR RAPIDS, IOWA		SIGNAL CORPS ENGINEERING	
TOLERANCES ON				14214-PH-51-9.3		LABORATORIES	
FRACTIONS DECIMALS ANGLES				SIGNAL CORPS		FORT MONMOUTH NEW JERSEY	
± 1/64 ± .005 ± ' "				REVIEWED P.M.E.			
				APPROVED H.L.Y. P.M.E.			
				DATE 6 MAR 58			
				SCALE 2/1			
NEXT ASSY	USED ON	NEXT ASSY	USED ON	COIL ASSY			
		SM-D-249093		SM-B-283280			
		SM-D-249087	SC-DL-248775				
*SWE APPLICATION	APPLICATION			ENG APPROVAL			