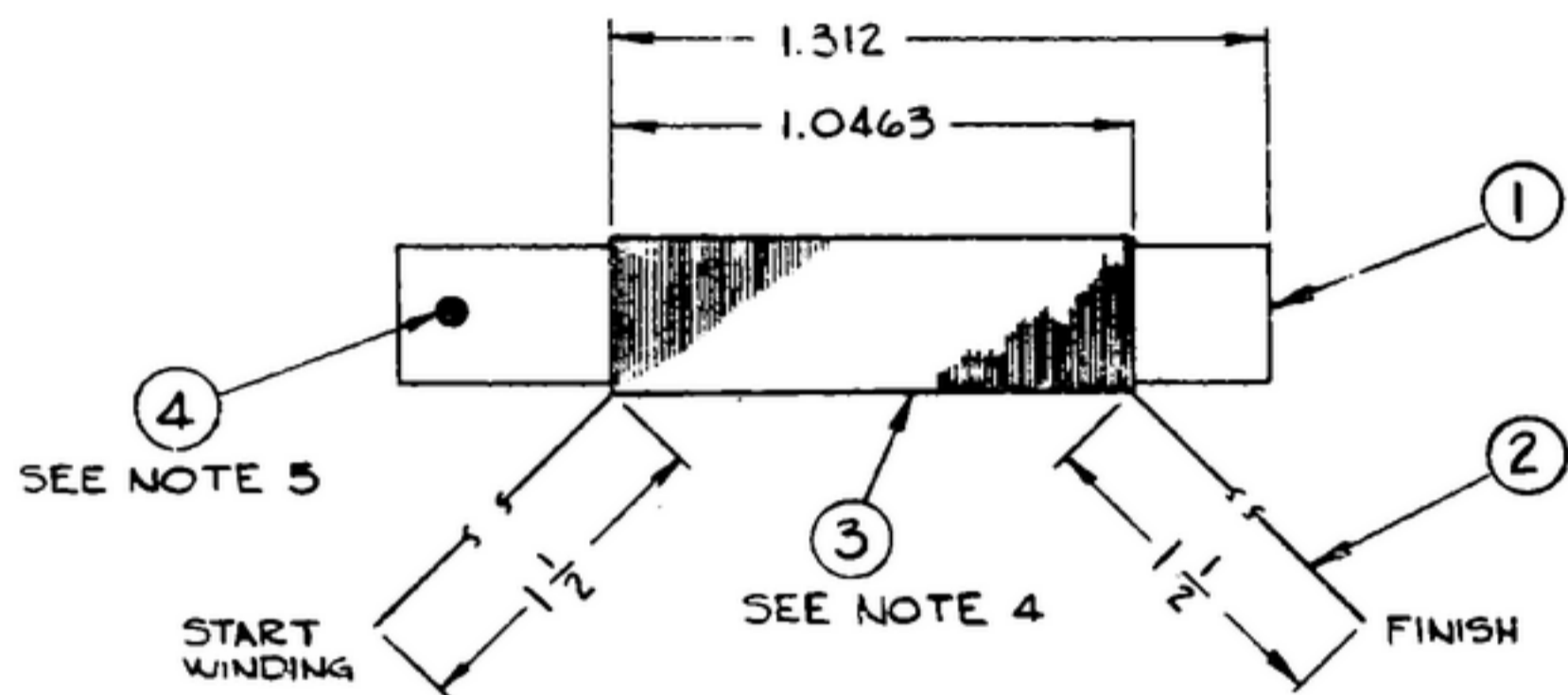


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NOTE: *FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS

SWE APPROVAL		REVISIONS		
SYM	DESCRIPTION	DATE	APPROVAL	
A	A,- REVISED & REDRAWN	16 DEC 59	42428-PC-59 -A1-51 [REV] PHE	



NOTES:

1. COIL TO BE WOUND TO MEET ELECTRICAL REQUIREMENTS SPECIFIED ON SM-D-249092.
2. TYPICAL WINDING DATA:
NO. OF TURNS: 150
TYPE OF WIND: VARIABLE PITCH PROGRESSIVE UNIVERSAL
3. 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.
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 DESIGNED COLOR ONTO COIL FORM LOCATED AS SHOWN.
FOR R.F. COILS -- BLACK DOT (1/8 DIA)
- *6. S.W.E. WINDING PROCEDURE FOR .5-1 MC R.F. COIL SPECIFIED ON 12P2CS233.

SWE PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	NOTES
20S111266-1	4	AS REQD		LACQUER, COLOR CODE, BLACK		TT-L-51	5
20S110664-5	3	AS REQD		LACQUER			4
30S130137-642	2	1	SM-B-283282-1	WIRE, MAGNET (156 INCHES TYP)		MIL-W-583	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				6500 R-RADS-IOWA		
TOLERANCES ON FRACTIONS DECIMALS ANGLES				14214-PH-51-93		
± 1/64 ± .005 ±				SIGNAL CORPS		
DRAWN BY LIPPISCH				REVIEWED PMT.		COIL ASSY.
CHECKED BY EG				APPROVED HLY		
CHIEF DRAFTS				PMT.		
NEXT ASSY	USED ON	NEXT ASSY	USED ON	DATE 10 MAR 58	SCALE 2/1	SM-B-283282
SWE APPLICATION APPLICATION				ENG APPROVAL		