

EQUIP. TYPE R390A/HRR EXP. NO.

COL. 540 7890 003

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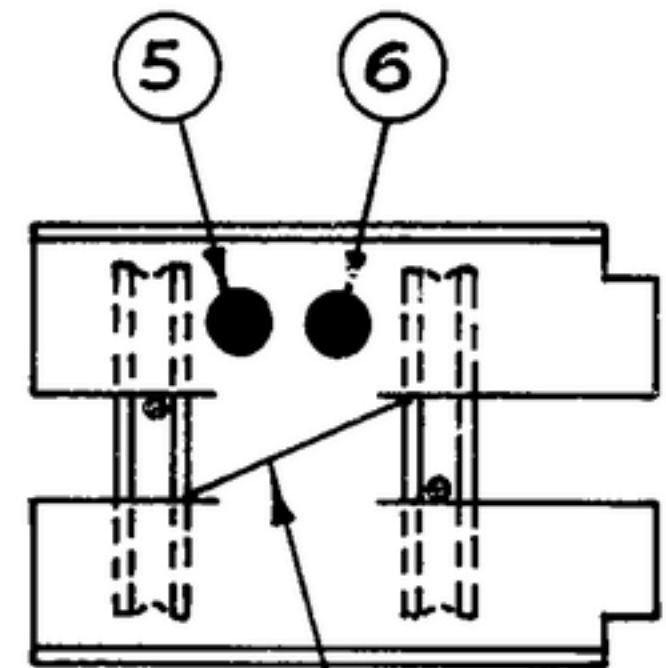
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*SWE APPROVAL
SYM-PR 10042-17

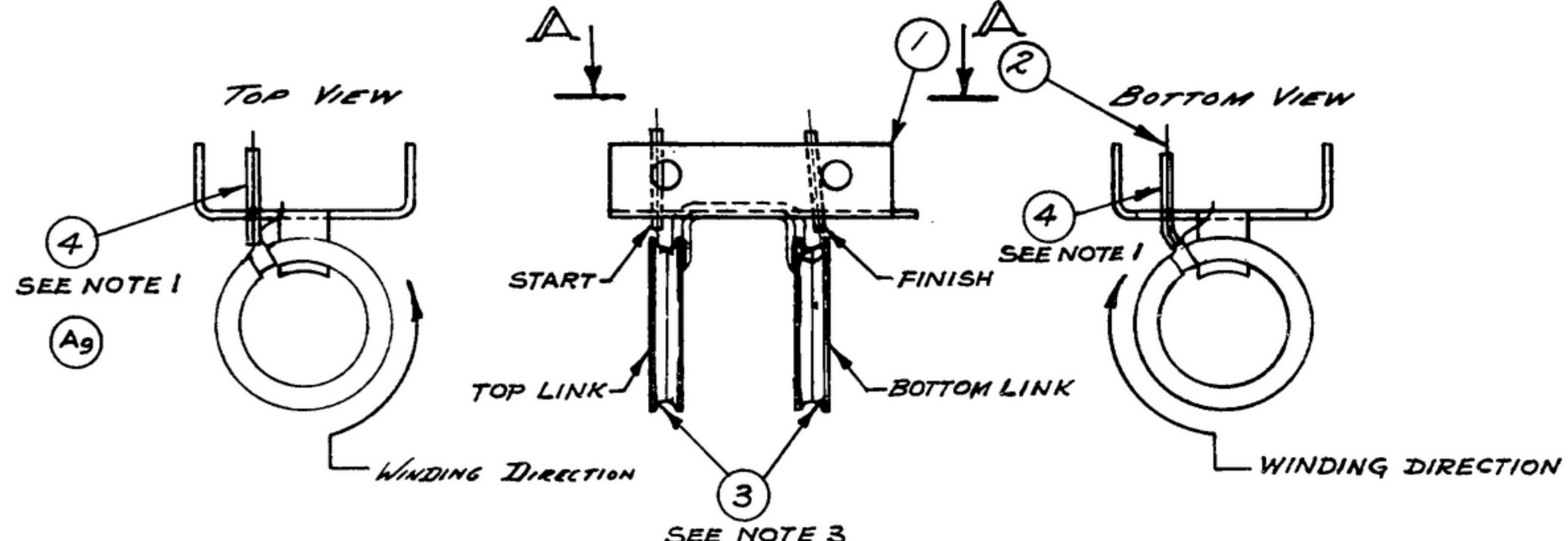
REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL
A10	A1-RENUMBERED NOTES; A2-ADDED VIEW "A-A" NOTATIONS & CALLOUTS; A3-ADDED ITEMS 4, 5 & 6; A4-ADDED NOTES 1, 2 & 5; A5-REWORKED NOTE 3; PART NO. A-27 WAS "TRANSPARENT Q MAX. NO. 27" A6-NOTE 4 WAS "SINGLE CONDUCTOR, E2 SILK MAGNET WIRE" A7- ITEM 3 "LACQUER" WAS "COATING MATERIAL". A8-SWE. PART NO. REPLACED COLLINS PART NO. A9- ADDED VIEW OF SLEEVING. A10- IN ITEM 2 DESCRIPTION WAS "WIRE" & MAT'L SPEC WAS "ASAC 6.6 & CB.7".	16 DEC 59	42428-PC-59-A1-51 REV'D. PME



SEE NOTE 3

VIEW "A-A"



WINDING DATA	
TOP LINK	1 TURN
BOTTOM LINK	1 TURN

NOTES: A1

- A4 1. ALLOWING 1/2 INCHES FOR LEAD LENGTHS, INSERT 1/2 INCH SLEEVING UP TO "START" OF WINDING, & WIND REQUIRED NUMBER OF TURNS ON TOP & BOTTOM LINKS.
- A5 2. INSERT 5/8 INCH SLEEVING UP TO "FINISH" OF WINDING & ANCHOR BOTH LEADS TO BRACKET.
- A6 3. APPLY COATING MATERIAL (ITEM 3) AS SUPPLIED BY COMMUNICATIONS PRODUCTS CO., MARLBORO NEW JERSEY PART NO. A-27 WITH FUNGICIDE OR EQUAL, TO HOLD WINDING IN PLACE.
- A7 4. SINGLE CONDUCTOR, SINGLE SILK, HEAVY POLYURETHANE #28 MAGNET WIRE.
- A8 5. APPLY COLOR CODING LACQUERS (ITEM 5 & 6) LOCATED AS SHOWN.

SYM	ITEM	REQ'D	PART NO.	DESCRIPTION	MATL	MATL SPEC
A3	20S111266-8	6		LACQUER, VIOLET CODING	TT-L-31	5
A3	20S111266-1	5		LACQUER, BLACK CODING	TT-L-31	5
A7		4	SM-B-249214	SLEEVING, SILICONE 1/8 IN.		1 & 2
A7	20S110664-5	3		LACQUER		3
A10	30S130219-28	2	SM-C-249084-1	WIRE MAGNET 5 1/2 IN.	MIL-W-583	4
A8		1	SM-C-249078	LINK ASSY		

LIST OF MATERIAL COLLINS PART NO. 658-0435-008

DRAWN ECS				CHECKED Hm		APPROVED		COLLINS-RADIO CO. 658-RANGE-100A 14214-PH-51-93		DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES	
UNLESS OTHERWISE SPECIFIED: DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.005 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±1/64 MACHINED ANGLES MAY VARY ±1° BROKEN ANGLES MAY VARY ±.05° ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING. ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.				SIGNAL CORPS		REVIEWED PME		APPROVED HLY PME		FORT MONMOUTH NEW JERSEY	
558-0422-002-1 SM-B-249078 SC-DL-248775				APPLICATION		DATE 28 DEC 55		SCALE 2/1		SM-C-249084	