

D.T. 1.5

EQUIP. TYPE *R390A/JRR* EXP. NO.

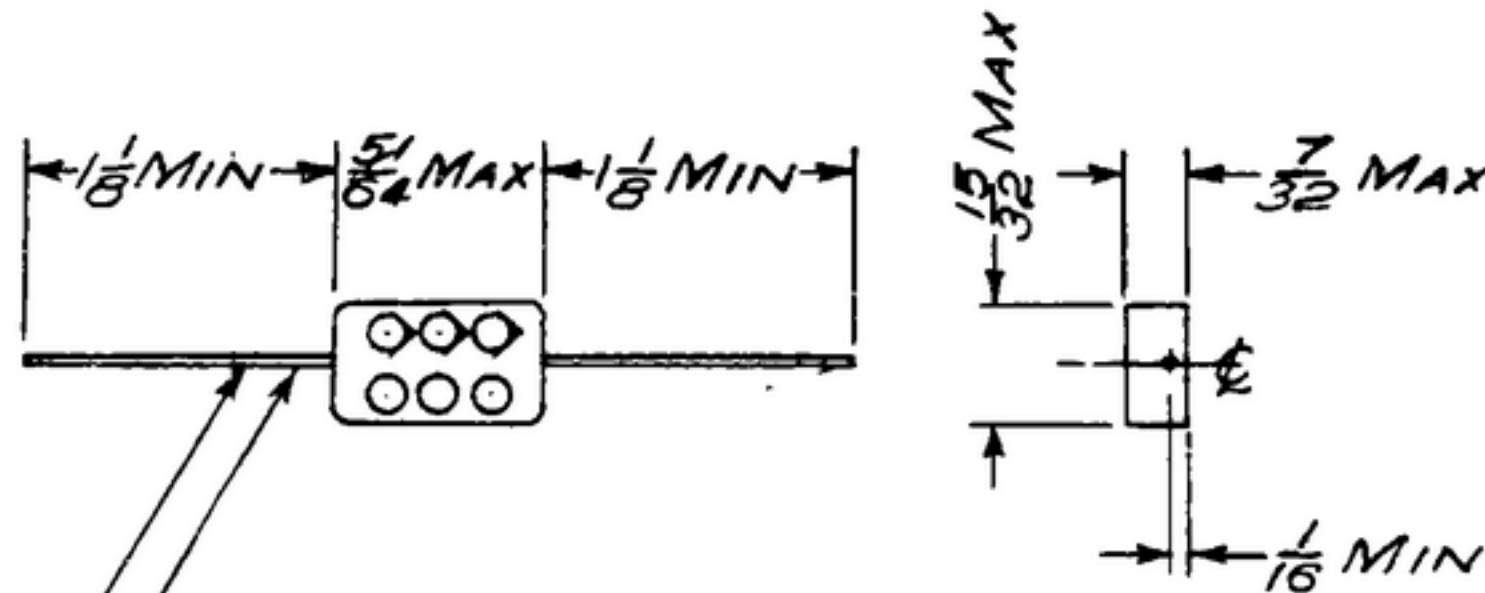
COL. 935-5064, 70, 78-00

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

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL



0.032 DIA (20AWG) LEADS TO BE LOCATED ON ϕ WITHIN $\pm 1/32$.

NOTES:

- PART MAY BE SUPPLIED BY ELECTRO-MOTIVE MFG. WILLIMANTIC, CONN., OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS AND DIMENSIONS SHOWN.

COLLINS PART NUMBER	DASH NUMBER	CAPACITY TOLERANCE	DC WORKING VOLTAGE	CAPACITY UUF	CHARACTERISTIC
559 0430 002	SM-B-283243-1	$\pm 2\%$	500	1000	D
559 0431 002	2	$\pm 2\%$	300	2400	E
559 0432 002	3	$\pm 1\%$	300	1500	E

DESCRIPTION: FIXED MICA-DIELECTRIC CAPACITOR WITH MOLDED CASE IN ACCORDANCE WITH SPEC MIL-C-5, EXCEPT CAPACITY, AND/OR TOLERANCE, AND/OR VOLTAGE.

CASE SIZE: CM20.

DC TEST VOLTAGE: 1000 VDC

(PARA. 3.6.1.1 PER SPEC MIL-C-5)

CHARACTERISTICS: AS DEFINED IN SPEC MIL-C-5 AND SHOWN IN TABLE.

MARKINGS: THE CAPACITORS SHALL BE COLOR CODED IN ACCORDANCE WITH SPECIFICATION MIL-C-5.

CHARACTERISTIC	TEMP. COEFF.	CAP. DRIFT
D	-100 TO +100	$\pm 0.3\%$
E	-20 TO +100	$\pm(0.1\% + 0.1\text{UUF})$

** WHEN PART NO APPEARS AS 559 0430 9-2, NAVY INSPECTION IS REQUIRED.*

COLLINS PART NO.	ITEM	QTY	PART NO.	DESCRIPTION	MATL.	MATL. SPEC.
LIST OF MATERIAL						
COLLINS PART NO. <i>559 0430 002*</i>						

558 0452 005	2	SM-E-249101		DRAWN	CHECKED	APPROVED	COLLINS RADIO CO. CEDAR RAPIDS, IOWA 1421A-PH-51-93 SIGNAL CORPS REVIEWED <i>PME</i> APPROVED <i>HLY</i> <i>PME</i> DATE <i>20 JAN 56</i> SCALE <i>1/1</i>	CAPACITOR-FIXED	DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY <i>SM-B-283243</i>
558 0445 004	1	SM-D-249094		<i>NUGEN</i>	<i>[Signature]</i>				
558 0444 004	1	SM-D-249093							
558 0443 004	1	SM-D-249092							
558 0351 002	1	SM-B-249001	<i>SC-DL-248775</i>						
COLLINS NO.	QTY	NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED: DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY $\pm .008$ FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY $\pm 1/64$ MACHINED ANGLES MAY VARY $\pm 1^\circ$ SHEARED ANGLES MAY VARY $\pm 25^\circ$ BROKEN ANGLES MAY VARY $\pm 1^\circ$ 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.					
APPLICATION									