

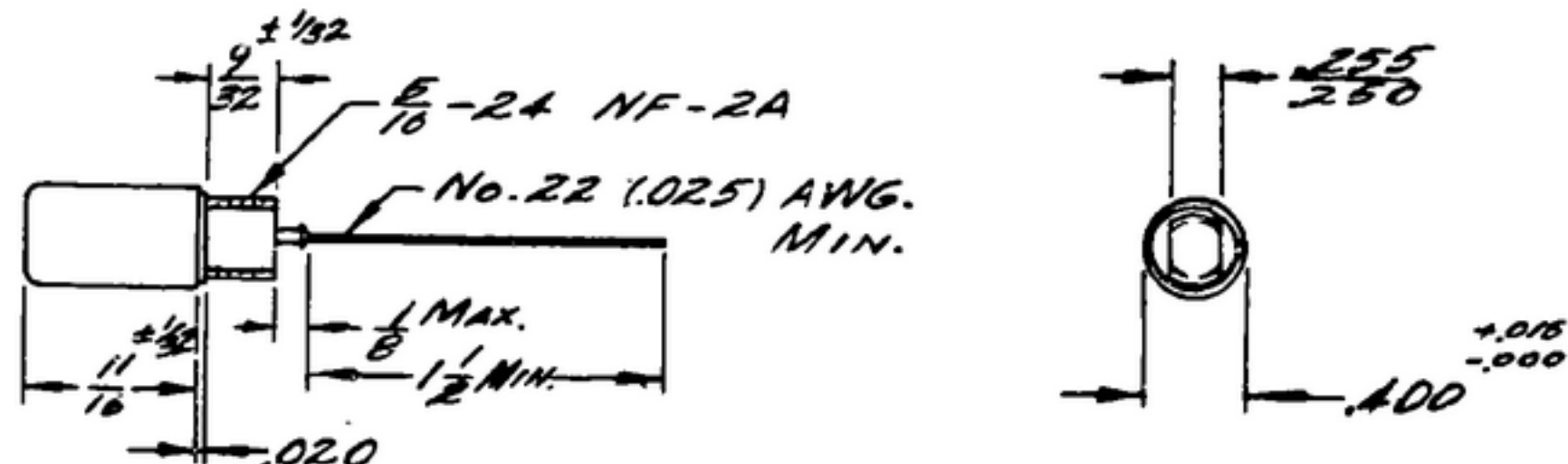
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* FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.

REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL
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NOTES:

- PART MAY BE TYPE 186P-S15, AS SUPPLIED BY SPRAGUE ELECTRIC CO., NORTH ADAMS, MASS., OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS AND DIMENSIONS SHOWN.

DESCRIPTION: FIXED PAPER-DIELECTRIC CAPACITOR WITH HIGH-TEMPERATURE IMPREGNANT, HERMETICALLY SEALED IN A TUBULAR METALLIC, NON-MAGNETIC CASE, IN ACCORDANCE WITH MILITARY SPECIFICATION MIL-C-25, EXCEPT AS NOTED BELOW.

CAPACITY: .047 UF, TOLERANCE $\pm 20\%$.

WORKING VOLTAGE: 100 VOLTS D.C.

CIRCUIT: ONE END GROUND

CHARACTERISTIC: K EXCEPT INSULATION RESISTANCE AND CAPACITANCE CHANGE WHICH SHALL BE AS FOLLOWS:

"MEG OHMS TIMES MICROFARADS":

AT 25°C (77°F)	4,700
AT HIGH TEST TEMPERATURE	20

INSULATION RESISTANCE IN MEG OHMS:

AT 25°C (77°F)	10,000
AT 85°C	1,000
AT HIGH TEST TEMPERATURE	350

CAPACITANCE CHANGE IN PERCENT AT LOW AMBIENT TEST TEMPERATURE FROM VALUE AT 25°C (77°F): 8.5

LIFE-TEST DIRECT VOLTAGE IN PERCENT OF DIRECT-VOLTAGE RATING AT 40°C (104°F): 140

NON-APPLICABLE PARAGRAPH MIL-C-25 1.2 EXCEPT TABLE 111; 3.1; 3.18; 6.2; AND IN 4.5 CHANGE THE WORD GOVERNMENT TO MANUFACTURER WHEREVER IT APPEARS.

~~WHEN PART NO. APPEARS AS 559 0410 9-2, MILITARY INSPECTION IS REQUIRED.~~

COLLINS PART NO.	ITEM	REQD	PART NO.	DESCRIPTION	MATL	YATL SPEC
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LIST OF MATERIAL

~~COLLINS PART NO. 559 0410 002~~

DRAWN *PHD* CHECKED *Rlan* APPROVED

COLLINS-RADIO-60:
CEDAR-RAPIDS-IOWA
1A21A-PH-
51-93

SIGNAL CORPS
REVIEWED *PME*
APPROVED *HLV*
PME

DATE *31 Aug 56* SCALE *1/1*

UNLESS OTHERWISE SPECIFIED:
DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY $\pm .003$
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.

CAPACITOR-FIXED

DEPARTMENT OF THE ARMY
SIGNAL CORPS ENGINEERING
LABORATORIES
FORT MONMOUTH NEW JERSEY

SM-B-283262

<i>558 0451 004</i>	<i>1</i>	<i>SM-D-249100</i>	<i>SC-RL-24875</i>
COLLINS NO.	QTY	NEXT ASSY	USED ON

APPLICATION