

EQUIP. TYPE *A-390102R* EXP. NO.

606-922-0213-00

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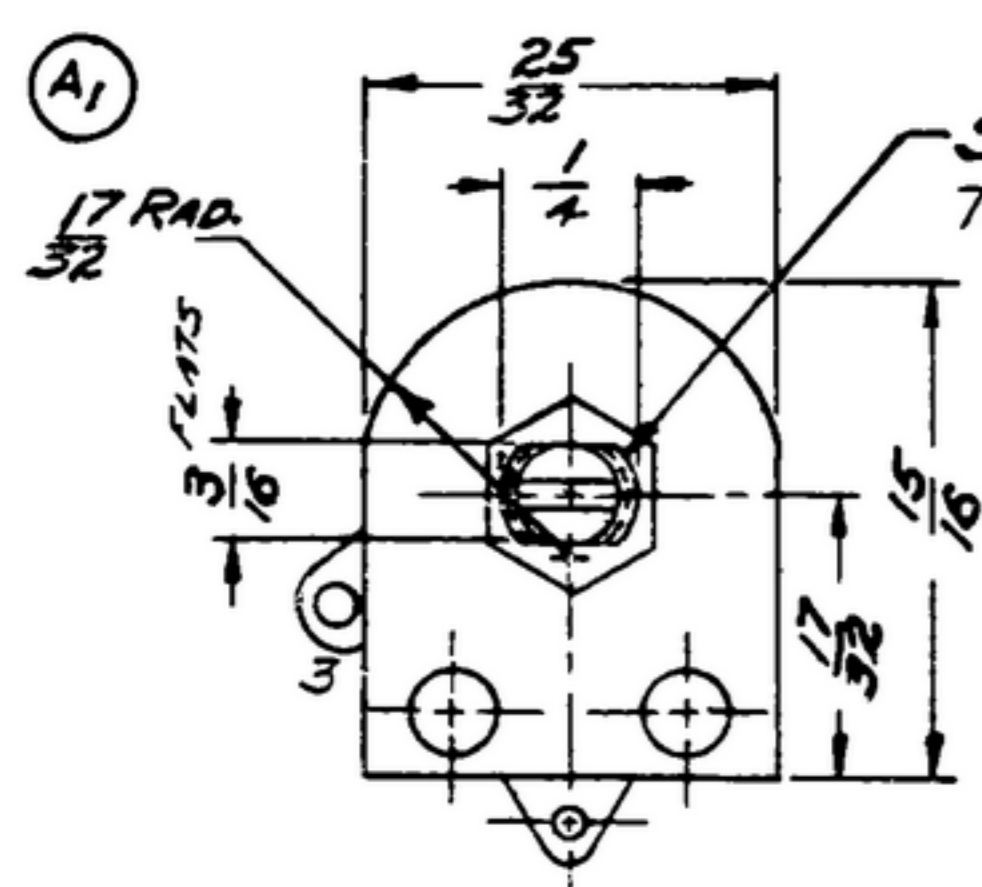
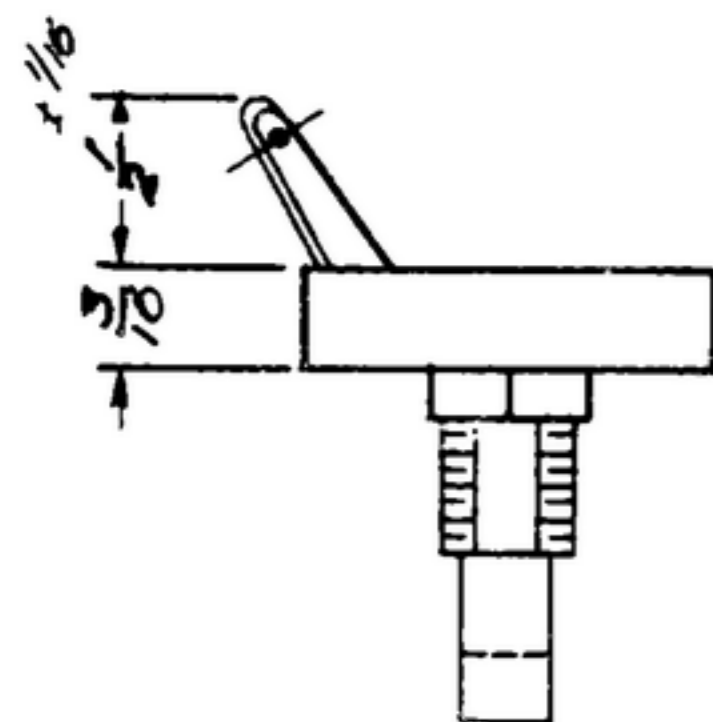
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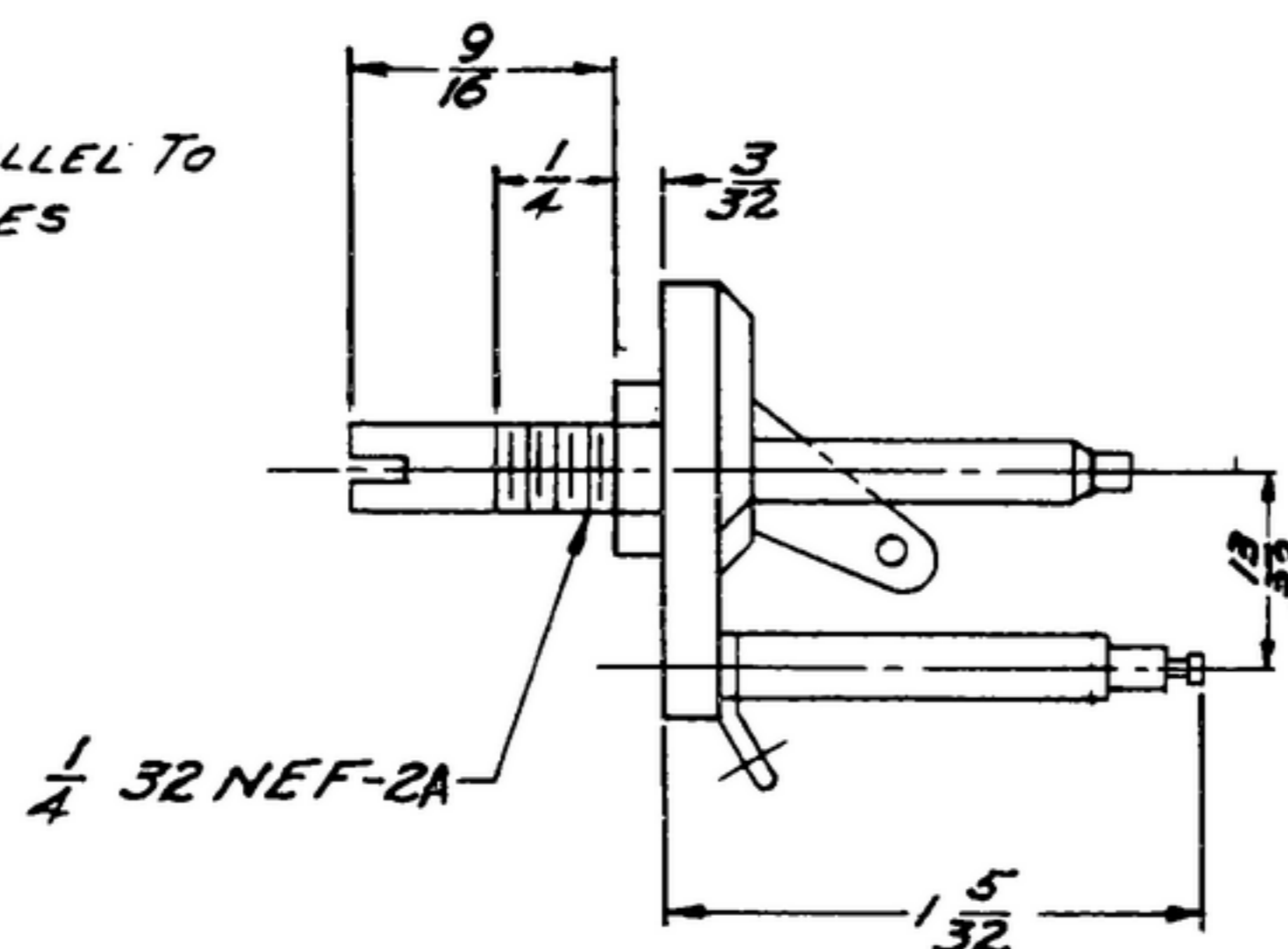
* SWE APPROVAL
SYN PR 10073-10

REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL
A ₃	A ₁ -CORRECTLY LOCATED 17/32 RADIUS DIM. LINE. A ₂ -STYLE CT 12 WAS CHARACTERISTIC B, CLASS 2. A ₃ -MIL-C-92 WAS JAN-C-92.	6 NOV 59	42428-PC-59-AI-SI REV'D. P. 5



SLOT IS PARALLEL TO TOP OF PLATES



NOTES:

1. PART MAY BE TYPE MAPC AS SUPPLIED BY ALL STAR PRODUCTS, DEFIANCE, OHIO, OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS AND DIMENSIONS SHOWN.

DESCRIPTION: MIDGET, SINGLE SECTION AIR DIELECTRIC VARIABLE CAPACITOR.
CAPACITANCE: UUF, MAX. MIN. 3.5, MIN. MAX 60.7, MAX. NO. OF PLATES 23.
INSULATION: STEATITE GRADE L-4B OR BETTER IN ACCORDANCE WITH LATEST VERSION OF SPEC JAN-I-10.
METAL PARTS: PLATES - BRASS OR ALUMINUM. ALL OTHER PARTS - BRASS.
CONSTRUCTION: BRASS PLATES SHALL BE SOLDERED TO SUPPORTS, ALUMINUM PLATES STAKED.
FINISH: BRASS M202, ALUMINUM PLATES E513 AFTER ASSEMBLY, TERMINALS M317 PER SPEC MIL-F-14C72.
AIR GAP: 0.0135 INCH.
TEST VOLTAGE: 600 VOLTS RMS, 60 CPS.
TORQUE: 2.5 OZ.-IN. MINIMUM, 7.5 OZ.-IN. MAXIMUM.
SALT SPRAY: CAPACITORS SHALL WITHSTAND A 50 HOUR SALT SPRAY TEST IN ACCORDANCE WITH SPECIFICATION QQ-M-151 WITHOUT SHOWING SIGNS OF EXCESSIVE CORROSION AND SHALL BE ELECTRICALLY AND MECHANICALLY OPERATIVE AFTER THOROUGH WASHING AND DRYING.
HUMIDITY: CAPACITORS SHALL WITHSTAND TEMPERATURE AND HUMIDITY TESTS PER SPEC JAN-C-92 WITHOUT EXCESSIVE CORROSION AND WITHOUT IMPAIRING THE OPERATION OF THE UNITS.
THE GENERAL CONSTRUCTION SHALL CONFORM TO THE INTENT OF REQUIREMENTS OF SPEC MIL-C-92, STYLE CT 12.

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COLLINS PART NO.	QTY	REQ	PART NO.	DESCRIPTION	MATL	MATL DESC
LIST OF MATERIAL						
COLLINS PART NO. <i>559-0419-003</i>						

DRAWN <i>HENRY</i>			CHECKED <i>Phm</i>			APPROVED			COLLINS-RADIS-001 <i>14214-PH</i> <i>51-93</i>			DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY		
UNLESS OTHERWISE SPECIFIED: DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.008 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.1/64 MACHINED ANGLES MAY VARY ±.1° BREADED ANGLES MAY VARY ±.25° BROKEN ANGLES MAY VARY ±.1° 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 <i>PME</i>			CAPACITOR-VARIABLE					
559-0419-003			SM-D-249100			SC-DL-249715						APPROVED <i>HLV</i> <i>PME</i>		
COLLINS NO.			QTY			NEXT ASST			USED ON			DATE <i>26 JAN 56</i> SCALE <i>2/1</i>		
APPLICATION												SM-C-283235		