

EQUIP. TYPE *R390A/B/C* EXP. NO.

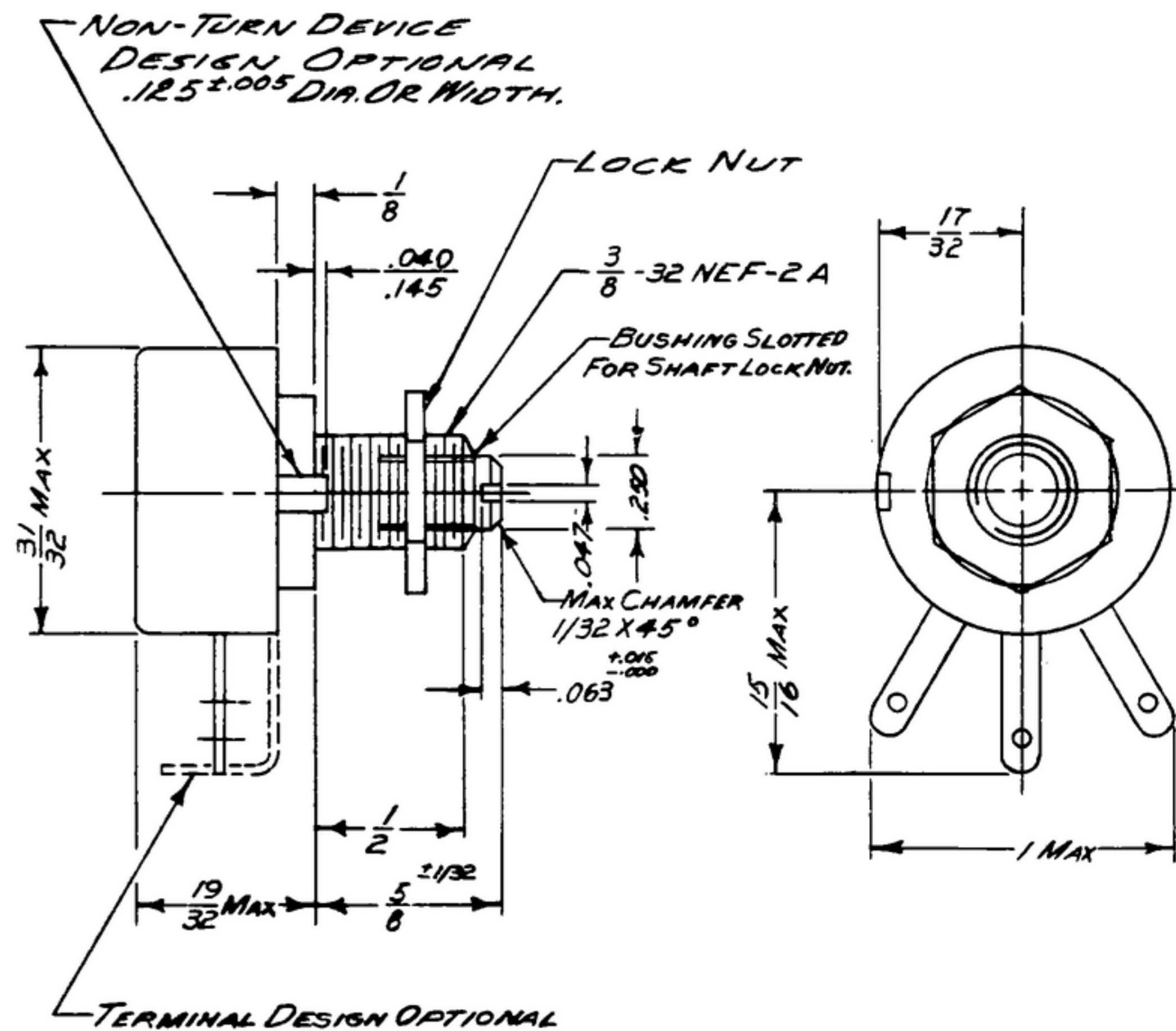
~~COL 380-5264, 5269-00~~

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

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL



NOTES:

1. PART MAY BE TYPE 90, AS SUPPLIED BY CHICAGO TELEPHONE SUPPLY CORP., ELKHART, IND., OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS AND DIMENSIONS SHOWN.

DESCRIPTION: VARIABLE COMPOSITION RESISTORS, FOR USE IN MILITARY EQUIPMENT.

POWER DISSIPATION: 1 WATT MINIMUM AT 70°C.

ENCLOSURE: RESISTORS SHALL HAVE SUITABLE ENCLOSURES FOR PROTECTION AGAINST MECHANICAL DAMAGE AND SHALL BE SUBSTANTIALLY DUSTPROOF.

FINISH: UNITS SHALL WITHSTAND 100 HOUR SALT SPRAY TEST IN ACCORDANCE WITH FEDERAL SPECIFICATION QQ-M-151.

FUNGUS TREATMENT: PHENOLIC PARTS SHALL BE NON-NUTRIENT TO FUNGI, OR THE JUNCTION BETWEEN METAL COVER AND PHENOLIC BASE SHALL BE COATED WITH VARRISH (NOT LACQUER) CONTAINING A MINIMUM OF 8% SALICYLANILIDE.

DESIGN OF TERMINAL OPTIONAL. SIZE AND STYLE SHALL PERMIT ACCOMMODATING AND SOLDERING THREE 0.032" DIAMETER (#20 AWG) WIRES. LUGS SHALL BE SUITABLE COATED TO FACILITATE SOLDERING.

MOUNTING HARDWARE TO BE SUPPLIED: NONE.

CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE INTENT OF JOINT ARMY-NAVY SPECIFICATION JAN-R-94. UNITS SHALL BE PERMANENTLY AND LEGIBLY MARKED WITH MANUFACTURER'S PART NUMBER, RESISTANCE VALUE AND THE MANUFACTURER'S NAME OR TRADE MARK, AND SHALL BE IN ACCORDANCE WITH SPEC MIL-M-13231.

COLLINS PART NO.	DASH NUMBER	TOTAL RESISTANCE OHMS	RESISTANCE TOLERANCE	RMA TAPER CODE
5590307003	2	10,000	±20%	LIN
5590308003	2	100	±20%	LIN

PMA CODE	CHI-TEL
LIN	STAN.D

*WHEN PART NO. APPEARS AS 5590308 9-3, MILITARY SOURCE INSPECTION IS REQUIRED.

COLLINS PART NO.	ITEM	QTY	PART NO.	DESCRIPTION	DATE	DATE SPEC
LIST OF MATERIAL						
COLLINS PART NO. 5590307 0308						

DRAWN <i>ECS</i>	CHECKED <i>OR</i>	APPROVED	COLLINS PART NO. 14214-PH-51-93	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° SHEARED ANGLES MAY VARY ±.25° BROKEN ANGLES MAY VARY ±.1° ECCENTRICITY BETWEEN ANY DIAMETERS OR THE SAME CENTERLINE SHALL NOT EXCEED .010 TOTAL INDICATOR READING. ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.			REVIEWED <i>PME</i>	RESISTOR-VARIABLE	
5590307003 2 SM-D-283205 SC-DL-283205			APPROVED <i>HLV</i> <i>PME</i>		
APPLICATION	QTY	NEXT ASSY	USED ON	DATE 20 JAN 56	SCALE 2/1