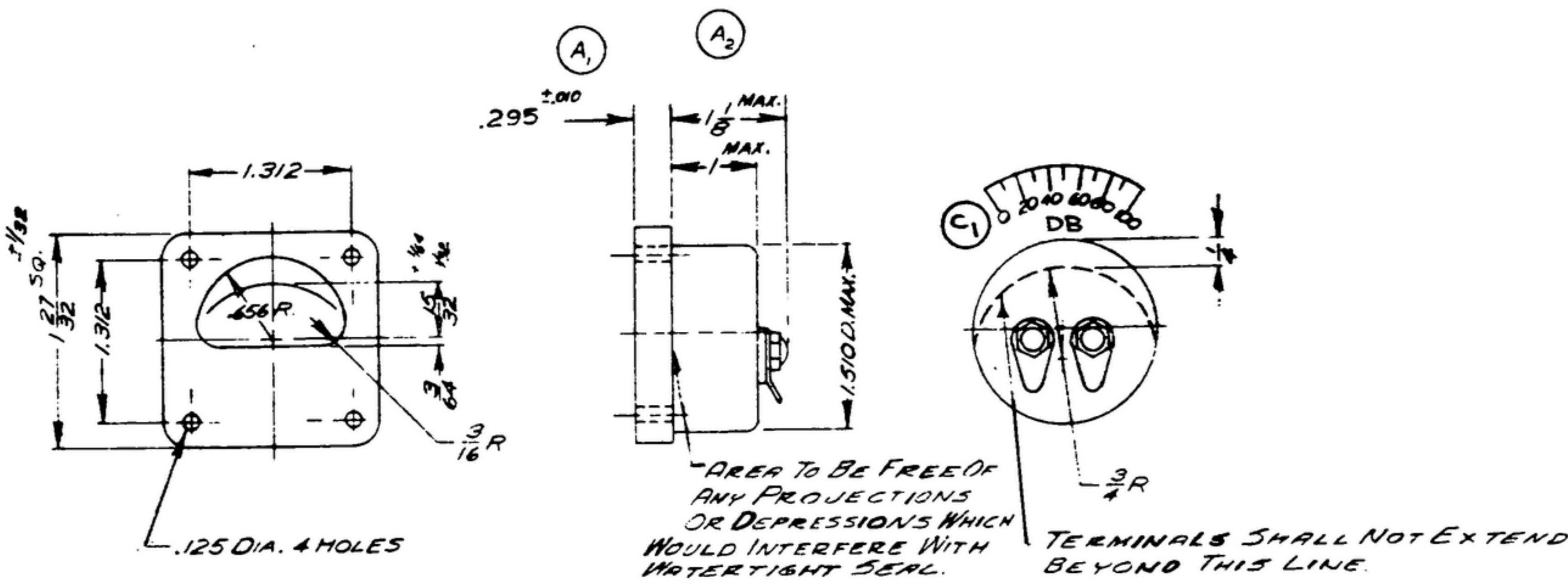


EQUIP. TYPE R392A1100 EXP. NO.

NOTICE: THESE GOVERNMENT SPECIFICATIONS OR OTHER DATA ARE USED FOR ANY PURPOSES OTHER THAN IN CONNECTION WITH A SPECIFICALLY RELATED GOVERNMENT PROCUREMENT OPERATION. THE UNITED STATES GOVERNMENT ASSUMES NO LIABILITY FOR ANY DEFICIENCIES OR OMISSIONS IN CONNECTION WITH ANY GOVERNMENT PROCUREMENT OR QUALITY ASSURANCE OPERATION.

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



REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A	(1) 295 ±.010 WAS 23/64 (2) REMOVED 1 3/16 REF.	31 OCT 61	REV'D. P.A.
B3	(1) MIL-M-10304 WAS MIL-M-3823; (2) REVISE MARKING REFERENCE; (3) DELETED REFERENCES TO PARA OF MIL-M-3823.	23 MAR 1965	21587 PLG1 REV'D. P.M.E.
C2	C1 - ADDED DB C2 - ADDED NOTE	21 NOV 1966	6-00189 REV'D. EC-2 AMB
D1	D1 DELETED FINISH NOTE	6 JUN 67	6-00189 REV'D. EC-2 AMB

NOTES:
1. PART MAY BE TYPE NO. 182 AS SUPPLIED BY SIMPSON ELECTRIC CO., CHICAGO, ILL., OR EQUAL, PROVIDING IT MEETS THE FOLLOWING REQUIREMENTS AND DIMENSIONS SHOWN.

DESCRIPTION: SEALED D.C. MILLIAMMETER IN ACCORDANCE WITH MILITARY SPECIFICATION MIL-M-10304, EXCEPT CASE, SCALE, MARKINGS, AND RESISTANCE.

TYPE: MR 13.
MOVEMENT: 0-1 MA.
SCALE: DECIBELS 0-100.
CASE: 1-1/2" SQUARE, ALUMINUM, STEEL OR MOLDED PLASTIC.
FINISH: THAT PORTION OF CASE EXPOSED WHEN VIEWED FROM THE FRONT SHALL HAVE A DULL, SMOOTH BLACK FINISH.
MARKINGS: LUMINESCENT (NON-RADIOACTIVE) IN ACCORDANCE WITH SPEC MIL-L-3891.

ACCURACY: ±3%.
POINTED TYPE LANCE.
METER RESISTANCE: 17 OHMS ±15%.
PARAGRAPHS 1-2, INCLUDING ALL SUB-PARAGRAPHS, 3.5.1, 3.5.2.1.1.2 AND 6.3, SHALL BE OMITTED FROM MILITARY SPECIFICATION MIL-M-9823.

SAMPLE OF SCALE SHALL BE SUBMITTED TO CONTRACTOR FOR APPROVAL BEFORE PRODUCTION. ALL FOUR SIDES OF FLANGE SHALL BE SMOOTH AND THERE SHALL BE NO EVIDENCE OF LAMINATIONS. PARAGRAPH 2.1 OF MIL-M-9823 SHALL BE AMENDED TO READ AS FOLLOWS: "QUALIFICATION OF BASIC METERS: BASIC METERS FURNISHED UNDER THIS SPECIFICATION SHALL BE A PRODUCT WHICH HAS BEEN TESTED BY THE CONTRACTOR AND HAS PASSED THE QUALIFICATION TESTS SPECIFIED IN 4.3."

WIDTH OF SCALE ARC AND MAJOR CALIBRATION MARKS: 0.025 ±0.005.
WIDTH OF MINOR CALIBRATION MARKS: 0.015 ±0.005 -0.002
ALL SCALE MARKING (LETTERS AND NUMBERS): 0.015 ±0.005 WIDTH OF LINES -0.002
0.060 ±0.010 WIDTH LETTERS, 0.075 ±0.005 HEIGHT LETTERS.

METER SHALL BE SUPPLIED WITH A SUITABLE GASKET OF NEOPRENE, COMMERCIAL GRADE, AS SUPPLIED BY ATLANTIC INDIA RUBBER CO., CHICAGO, ILL., OR EQUAL TO PROVIDE A WATER TIGHT SEAL BETWEEN METER AND PANEL.

ENC No. 1500-0126

* WHEN PART NO. APPEARS AS 559-0362-93 MILITARY SOURCE INSPECTION IS REQUIRED

COLLINS PART NO.	QTY	REQD	PART NO.	DESCRIPTION	DATE	BY
LIST OF MATERIAL						
COLLINS PART NO. 559-0362-003						

DRAWN R.B.B.			CHECKED [Signature]	APPROVED	COLLINS RADIO-88 CEDAR RAPIDS, IOWA 14214-PH-51-93	DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY SM-C-283216
UNLESS OTHERWISE SPECIFIED DECIMAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.005 FRACTIONAL DIMENSIONS INCLUDING HOLE SIZES MAY VARY ±.004 MACHINED ANGLES MAY VARY ±1° SHEARED ANGLES MAY VARY ±.25° BROKEN ANGLES MAY VARY ±1° ECCENTRICITY BETWEEN ANY DIAMETERS ON THE SAME CENTERLINE SHALL NOT EXCEED 0.10 TOTAL INDICATOR READING ALL DIMENSIONS ARE FINISH DIMENSIONS INCLUDING APPLIED FINISH AND ARE GIVEN IN INCHES.					SIGNAL CORPS	
559-0362-004 1 SM-249-34 SC-DL-24878					REVIEWED P.M.E.	
-COLLINS NO. QTY NEXT ASSY USED ON					APPROVED H.L.Y. P.M.E.	
APPLICATION			DATE 3 JAN 56		SCALE 1/1	