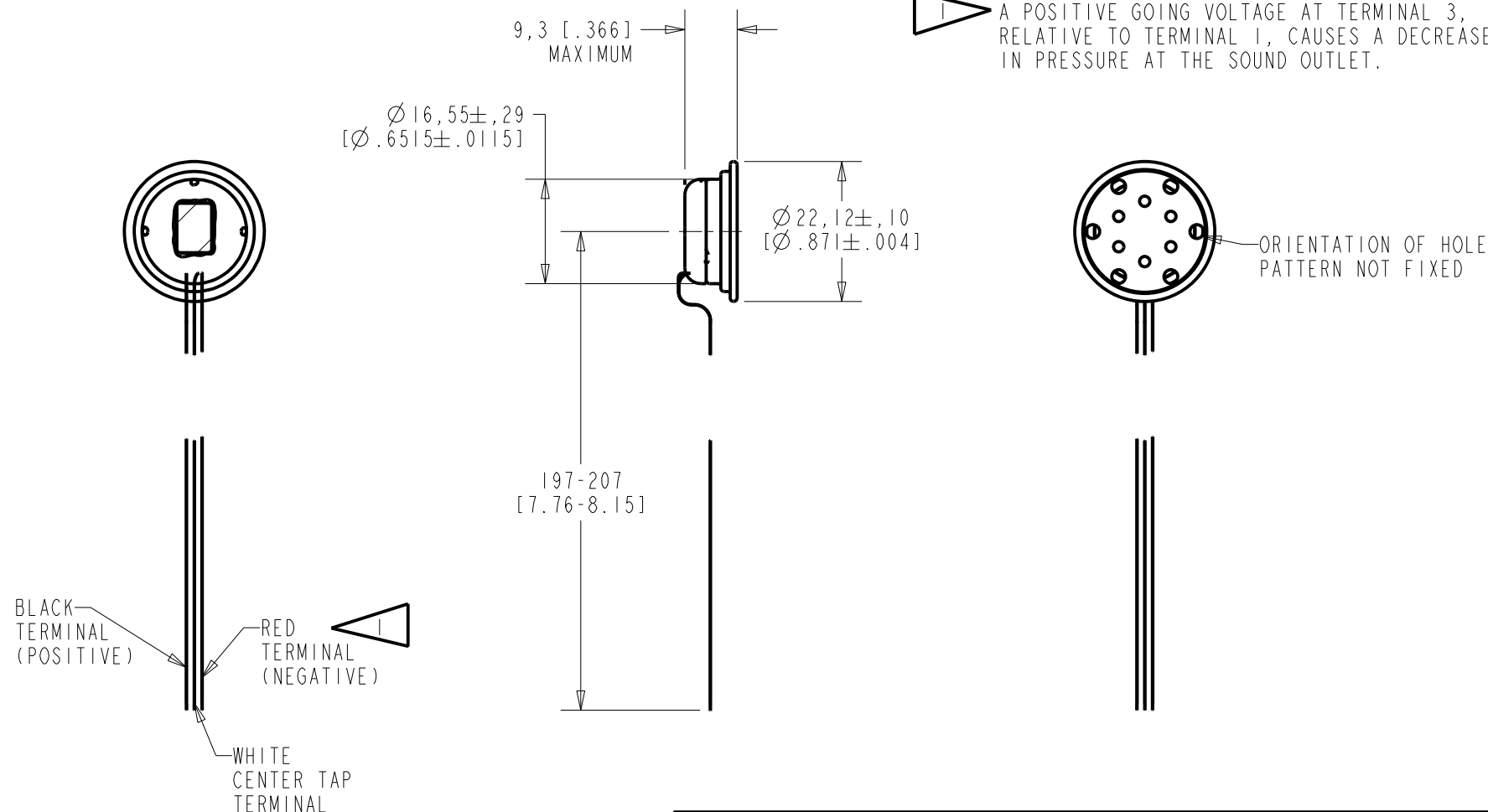


MR-23333-000

SHT 1.1

NOTES:

1 A POSITIVE GOING VOLTAGE AT TERMINAL 3, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.

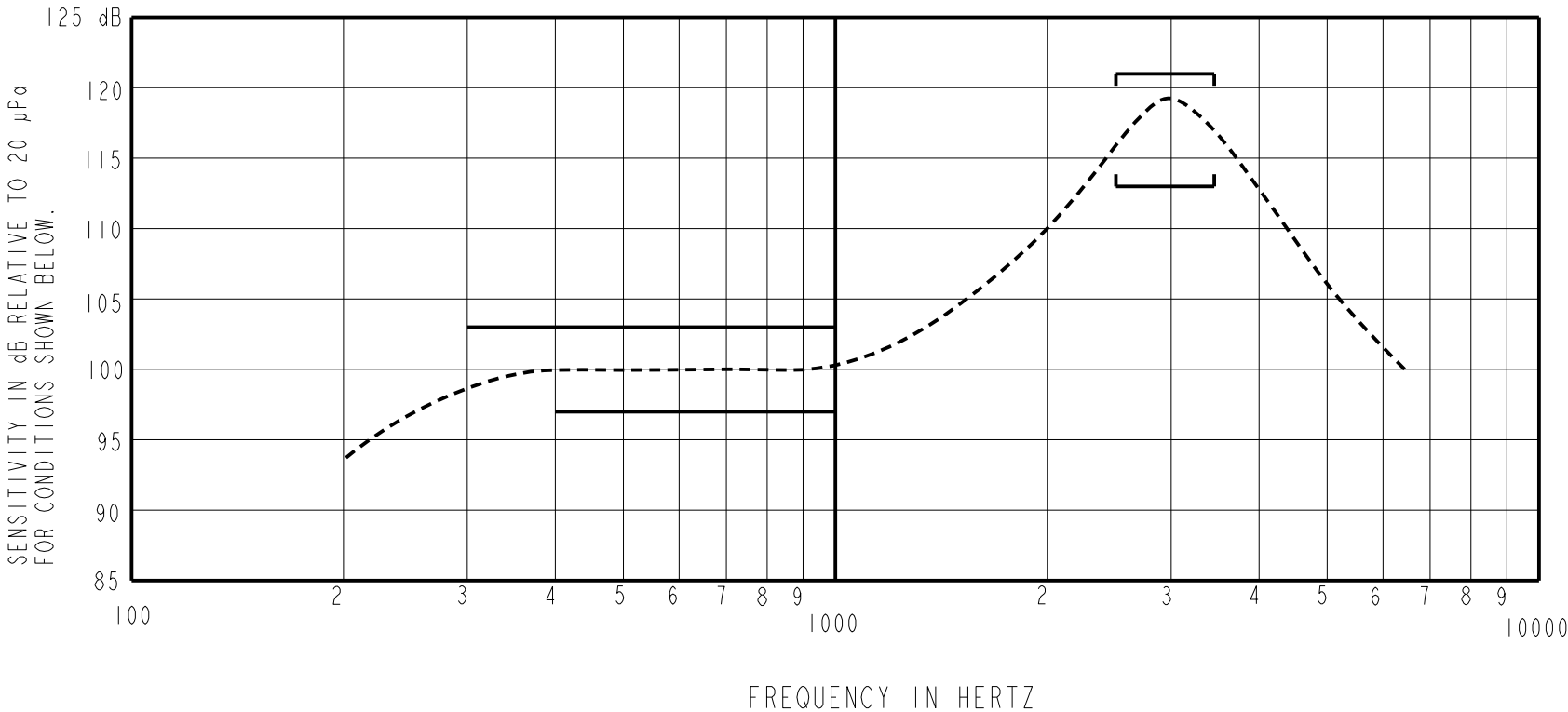
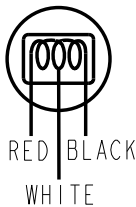


NOMINAL WEIGHT
3.6 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Active	D
D	MI0103915	11-30-10		
SCALE: 1:1			DR. BY	DATE
DO NOT SCALE DRAWING			AB	8-1-06
			CK. BY	DATE
TITLE: WATERPROOF SPEAKER			GJP	8-2-06
			APP. BY	DATE
OUTLINE DRAWING			GJP	8-2-06
MR-23333-000				
SHT 1.1				



NOTES:

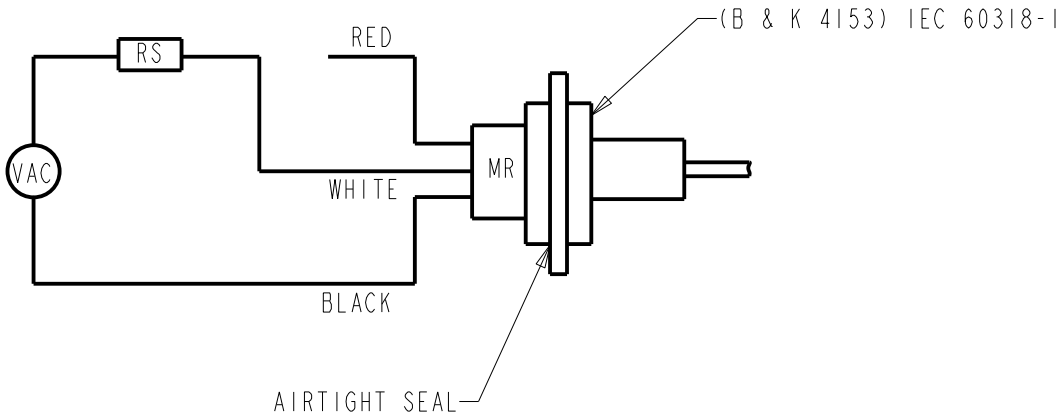
1. MEASUREMENTS MADE WITH UNIT UNDER TEST, SEALED TO AN IEC 318 COUPLER (BRUEL & KJAER PART NO.4153) AFTER A MINIMUM OF 10 MINUTES AT 20M IMMERSION IN WATER AND 43 PSI (GAGE) OR WATER APPLIED TO FACE OF SPEAKER.
2. ELECTRICAL SIGNAL (SEE #4 BELOW)

FREQUENCY	SENSITIVITY	
	MIN.	MAX.
300	---	103.0
400	97.0	103.0
1000	97.0	103.0
PEAK TO BE WITHIN BOX DEFINED		
2500	113.0	121.0
3500	113.0	121.0

4. INDIVIDUAL SPECIFICATIONS.

STD DRIVE		DISTORTION		1 KHZ IMP ($\pm$ 15%)	D.C. RES @ 23°C (+ 10%)	MAX DRIVE	
VAC RMS	RS OHMS	MAX %	FREQ. Hz			VAC RMS	RS OHMS
0.20	21	5	300	21	10	1.3	60

5. TEST CONDITIONS.



Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active		D
D	MI0103915	11-30-10			
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION				DR. BY	DATE
				AB	8-1-06
				CK. BY	DATE
				GJP	8-2-06
				APP. BY	DATE
				GJP	8-2-06

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MR-23333-000
SHT 2.1