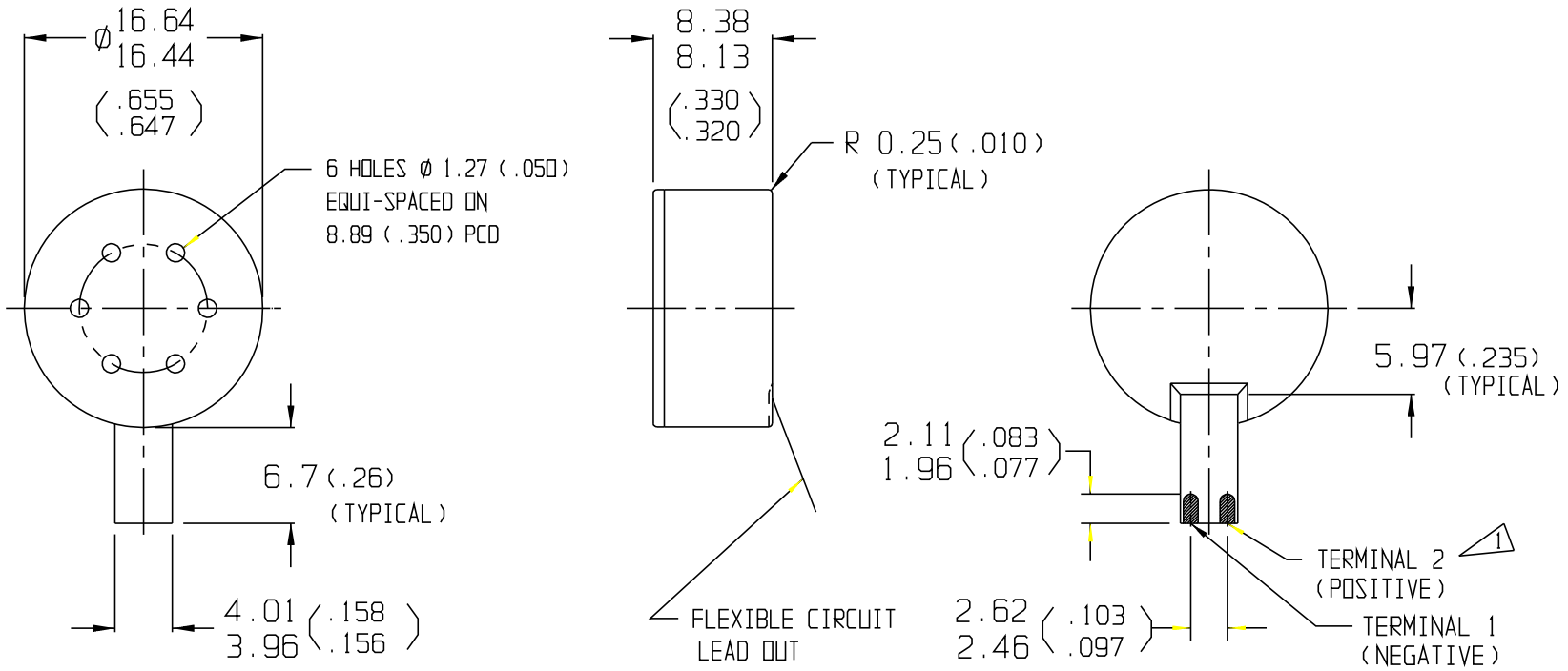
CM-23152-000
SHT 1.1

NOTE:

1. A POSITIVE GOING VOLTAGE AT TERMINAL 2 RELATIVE TO TERMINAL 1 CAUSES AN INCREASE IN PRESSURE AT THE SOUND OUTLETS.



NOMINAL WEIGHT
1.5 GRAMS

DIMENSIONS IN MILLIMETERS (INCHES)

ISSUE
B

KNOWLES ELECTRONICS

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KNOWLES ELECTRONICS, CO., BURGESS HILL, SUSSEX, ENGLAND

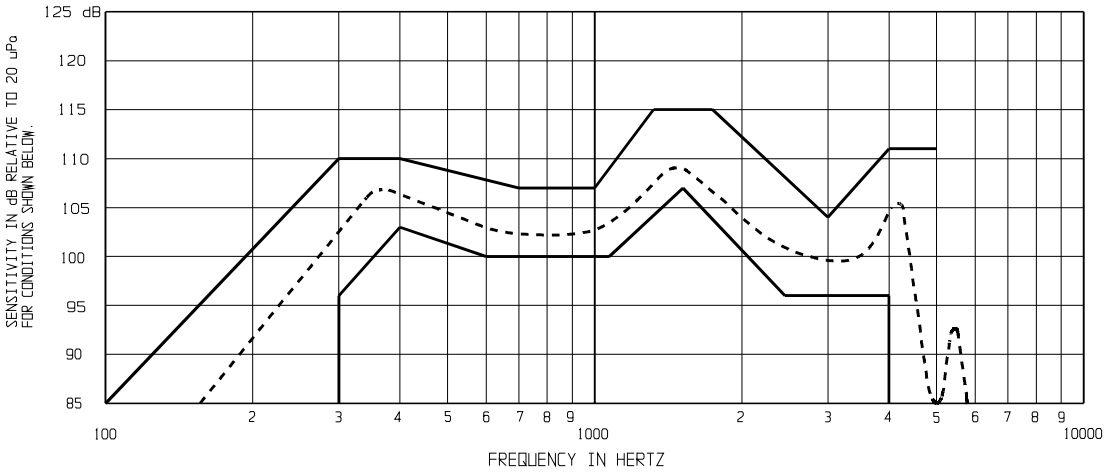
SCALE: 2:1

DO NOT SCALE DRAWING | I

TITLE: EARPIECE
OUTLINE DRAWING

CM-23152-000
SHT 1.1

	BY	DATE
DR.	AB	1-4-06
CK.	GJP	1-8-06
APP.	GJP	1-8-06



NOTES:

1. MEASUREMENTS MADE WITH UNIT UNDER TEST, SEALED TO AN IEC 318 COUPLER (BRUEL & KJAER PART No. 4153).

2. ELECTRICAL SIGNAL (SEE # 6 BELOW)

3. SENSITIVITY

FREQUENCY	MIN.	MAX.
100	---	85.0
300	96.0	110.0
400	103.0	110.0
600	100.0	---
700	---	107.0
1000	---	107.0
1100	100.0	---

SENSITIVITY Contd)

FREQUENCY	MIN.	MAX.
1400	---	115.0
1600	107.0	---
1800	---	115.0
2500	96.0	---
3000	---	104.0
4000	96.0	111.0
5000	---	111.0

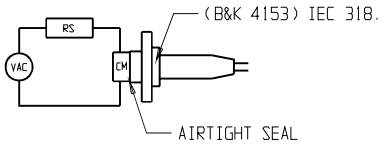
4. THERE WILL BE NO BUZZ OR RATTLE WHEN DRIVEN AT MAXIMUM DRIVE (SEE # 6 BELOW) & SWEPT FROM 300 Hz TO 4 KHz.

5. RESPONSE AND DISTORTION MEASUREMENTS MADE USING ELECTRICAL CONDITIONS SHOWN BELOW.

6. INDIVIDUAL SPECIFICATIONS.

STD DRIVE		DISTORTION		1 kHz IMP.(±15%)	D.C. RES @ 20°C (±10%)	MAX DRIVE	
VAC RMS	RS OHMS	MAX. %	FREQ Hz			VAC RMS	RS OHMS
0.20	300	2	300	150	69	1.0	300

7. TEST CONDITIONS.



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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 variations. I

TITLE: EARPIECE
PERFORMANCE SPECIFICATION

CM-23152-000
SHT 2.1

DR. BY	DATE
AB	1-4-06
CK. BY	DATE
GJP	1-8-06
APP. BY	DATE
GJP	1-8-06