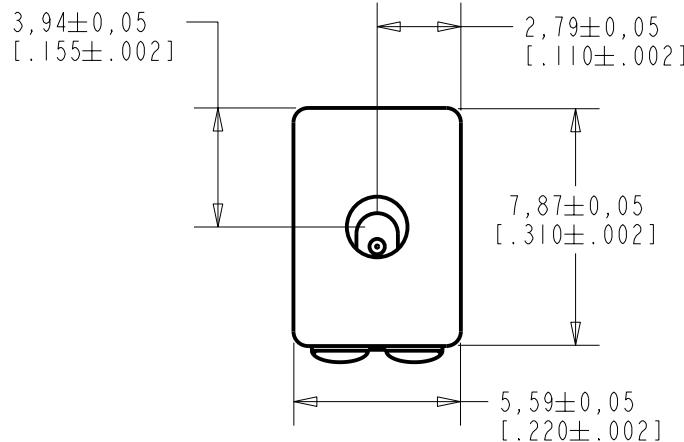


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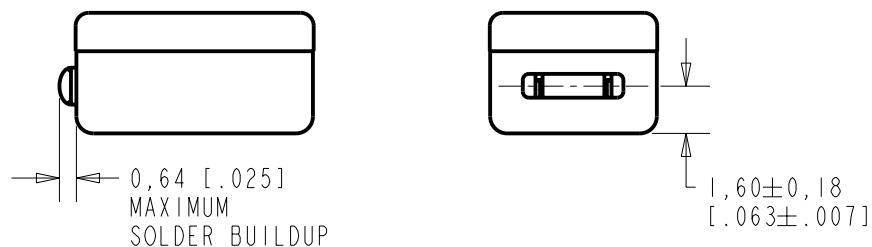
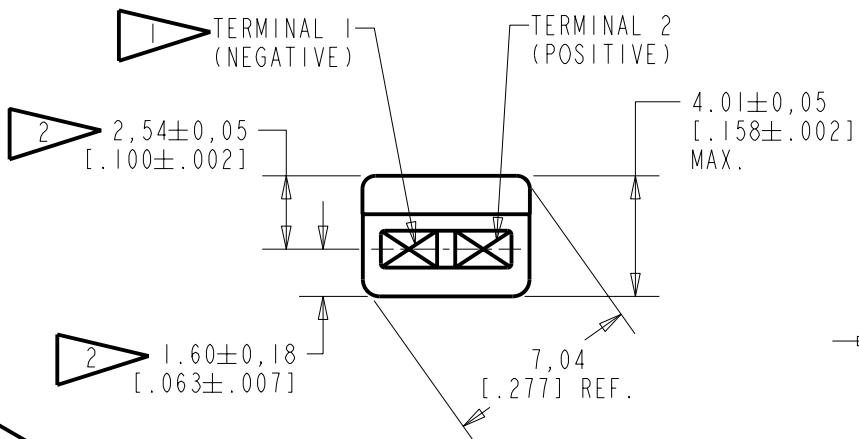
SHT 1.1



NOTES:

1 A DECREASE IN PRESSURE AT THE SOUND INLET WILL CAUSE A POSITIVE VOLTAGE AT TERMINAL 2 RELATIVE TO TERMINAL 1.

2 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER.



SCALE 2:1
NOMINAL WEIGHT
.66 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	C10103470	12-9-05	Released	A

SCALE:	4:1	DR. BY	DATE
	DO NOT SCALE DRAWING	CRG	12-9-05
TITLE:	MICROPHONE	CK. BY	DATE
	OUTLINE DRAWING	GJP	1-5-06
		APP. BY	DATE
		GJP	1-5-06

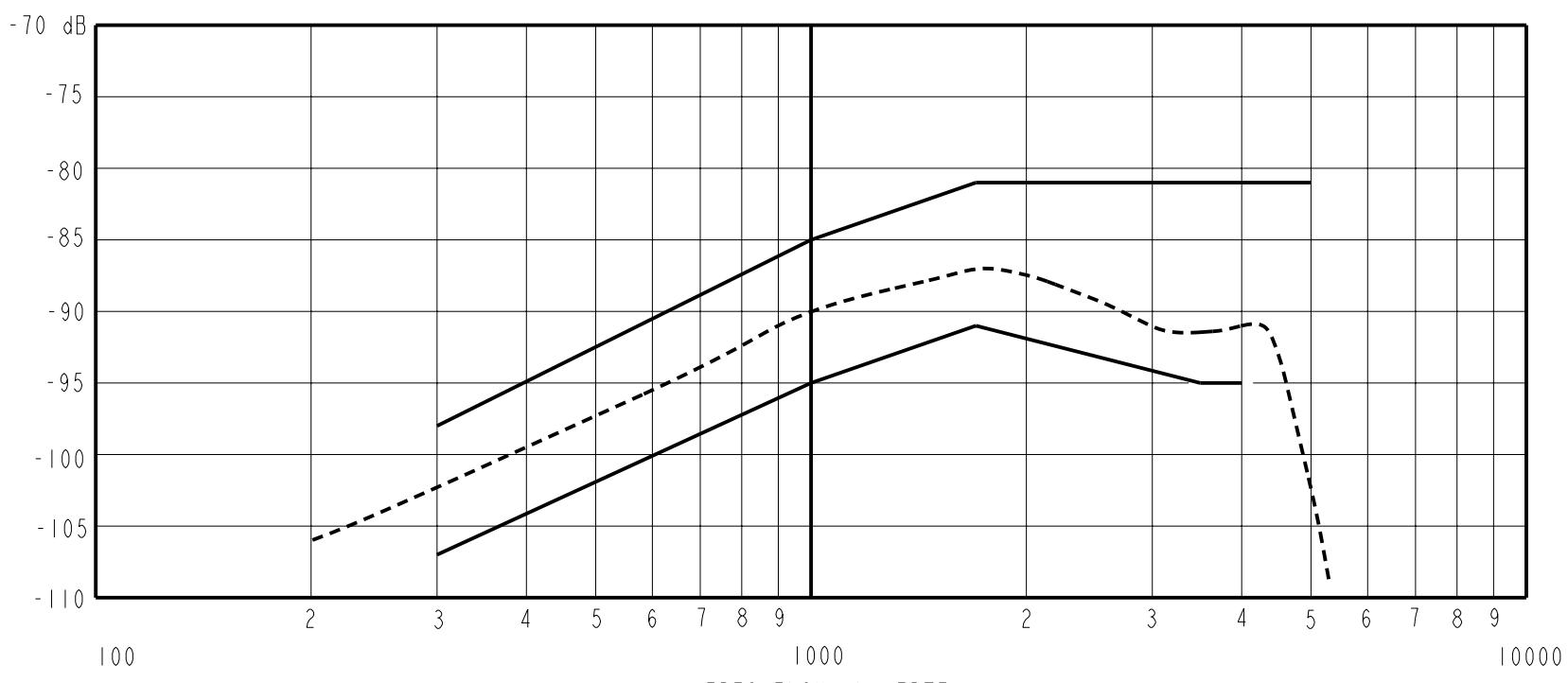
WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATIONS.

NO DAMPING

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SHEET 2.1

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/m²)
FOR CONDITIONS SHOWN BELOW.



NOTES:
FREQUENCY

SENSITIVITY

MIN. NOM. MAX.

1. LOAD RESISTANCE FOR SENSITIVITY MEASUREMENT: 150 OHMS
2. OUTPUT IMPEDANCE AT 1kHz: 150 OHMS NOMINAL
3. NOMINAL DC RESISTANCE AT 20°C: 34.5 OHMS
4. TESTED WITH REAR PORT OPEN TO LARGE SOUND FREE VOLUME
5. SENSITIVITY

<u>FREQUENCY</u>	<u>MIN.</u>	<u>MAX.</u>
300	-107.0	-97.0
1000	-95.0	-85.0
1700	-91.0	-81.0
3500	-95.0	---
4000	-95.0	---
5000	---	-81.0

DEVICE CONFORMITY
RANGE OF DEVIATION FROM 1kHz

6. FOR EQUAL SPL APPLIED TO FRONT AND REAR PORTS IN PHASE AT 1000 Hz THE SENSITIVITY WILL REDUCE BY AT LEAST 10 dB.
7. FRONT PORT LOCATION: ON
REAR PORT LOCATION: 12N

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	C10103470	12-9-05	Released	A
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				
TITLE: MICROPHONE		BJ-28471-000	SHT 2.1	
PERFORMANCE SPECIFICATION			GJP 1-5-06	
GJP 1-5-06			GJP 1-5-06	

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