

FREQUENCY IN HERTZ

	CONDI	TION I	SENSITIVITY	
FREQU	E NC Y	MIN	<u>. NOM.</u>	MAX.
	300		-63.0	
	1000	- 55.0	- 53.0	-51.0

-44.5

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RANGE (OF DEVIAT	ION FROM I k	Ηz
CONDI	TIONI	CONDITION	2
-8.5	-11.5		
0.0	0.0	-20.0 MIN	
+3.5	+ 3 . 5		

DEVICE CONFORMITY

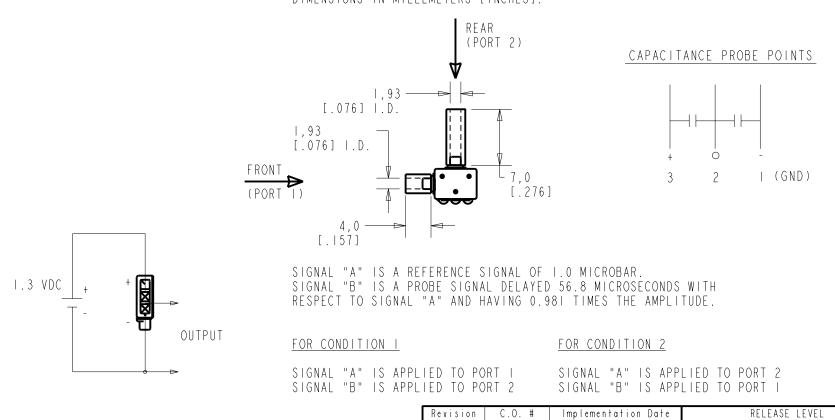
NOTES:

3 | 0 0 - 5 | 0 0

- I. MICROPHONE TO BE FUNCTIONAL WITH IOVDC SUPPLY.
- 2. TYPICAL SENSITIVITY TO HUMIDITY AT 1000 Hz IS 0.03 dB/%RH.
- 3. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- 4. CASE CONNECTED TO NEGATIVE TERMINAL.

	DC	AMPLIFIER	SENSITIVITY CHANGE ON REDUCING SUPPLY	"A" WEIGHTED NOISE	OUTPUT	IMPEDAN	CE OHMS		ITANCE	
	SUPPLY	CURRENT DRAIN	TO 0.9VDC	(RE I.O VOLT)	MIN.	NOM.	MAX.	OUTPUT TO NEGATIVE (2-1)	OUTPUT TO POSITIVE (2-3)	POSITIVE TO NEGATIVE
- [(2-1)	(2-3)	(3-1)
	1.3V	50 uA MAX	3 dB MAX.	-100.0 dB MAX.	2800	4400	6800	58pF	N/A	58pF

TEST CONDITIONS WITH TUBING AND SIGNALS DESCRIBED BELOW: DIMENSIONS IN MILLEMETERS [INCHES].



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				INSPECTION ACCEPTANCE/REJECTION	DR. BY	DATE
E CER ONLO			OF LEST EQUIPMENT WITH KN NT AND TEST METHOD VARIAT	OWLES IS ALSO REQUIRED FOR ION	ΑВ	8-23-05

PERFORMANCE SPECIFICATION

KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.A.

ELIMINATION OF EQUIPMENT AND TEST METHOD VARIATION CK. BY TITLE: EL-29924-C05 MICROPHONE GJP 8-26-05 APP. BY

SHT 2.1

REVISION

DATE

DATE

8-26-05

GJP