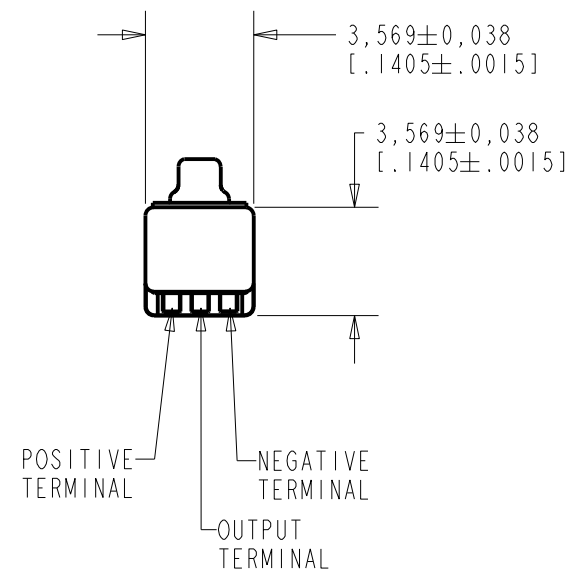


NOTE:

1. INCREASED PRESSURE AT SOUND INLET CAUSES A POSITIVE GOING VOLTAGE TO APPEAR AT THE OUTPUT TERMINAL, RELATIVE TO THE NEGATIVE TERMINAL.



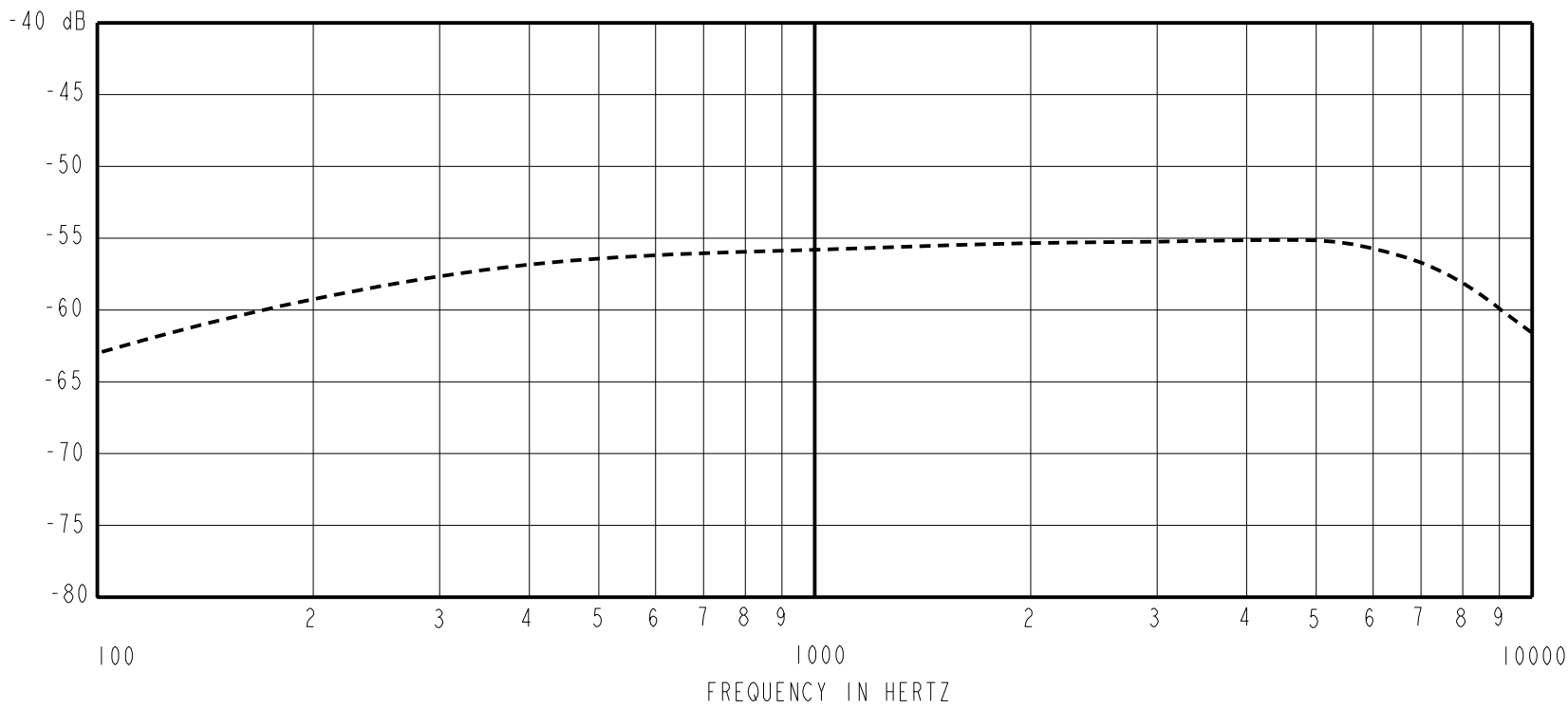
NOMINAL WEIGHT
.08 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
H	MI0105774	10-31-14	Active	H
G	MI0105440	3-19-14		
SCALE: 4:1			DR. BY LSY	DATE 11-13-06
DO NOT SCALE DRAWING			CK. BY GJP	DATE 11-22-06
TITLE: MICROPHONE			APP. BY GJP	DATE 11-22-06
OUTLINE DRAWING			TM-24568-000 SHT 1.1	

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/0.1 Pa (N/M²)
FOR CONDITIONS SHOWN BELOW.



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-62.5	---	-10.0	-3.0
1000	-59.0	-56.0	-53.0	0.0	0.0
5800	---	-55.5	---	-3.0	+4.0

- NOTES: 1. CASE CONNECT TO NEGATIVE TERMINAL.
2. MICROPHONE TO BE FUNCTIONAL WITH 1.6 VDC SUPPLY.
3. TYPICAL SENSITIVITY TO HUMIDITY AT 1000Hz IS 0.03 dB/%RH
4. SENSITIVITY AND NOISE VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.

PORT LOCATION	DC SUPPLY	AMPLIFIER CURRENT DRAIN	SENSITIVITY CHANGE ON REDUCING SUPPLY TO 0.9VDC	"A" WEIGHTED NOISE (1 KHz EQUIVALENT SPL)	OUTPUT IMPEDANCE OHMS		
					MIN.	NOM.	MAX.
12S	1.3V	50 μA MAX.	3 dB MAX.	29.0 dB MAX.	2800	4400	6800

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
H	M10105774	10-31-14	Active		H
G	M10105440	3-19-14			
KNOWLES ELECTRONICS ITASCA, ILLINOIS U.S.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		DR. BY DATE
			TITLE: MICROPHONE TM-24568-000 PERFORMANCE SPECIFICATION SHT 2.1		LSY 11-13-06
					CK. BY DATE
					GJP 11-22-06
					APP. BY DATE
					GJP 11-22-06

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Knowles:

[TM-24568-000](#) [TM-24546-C36](#)