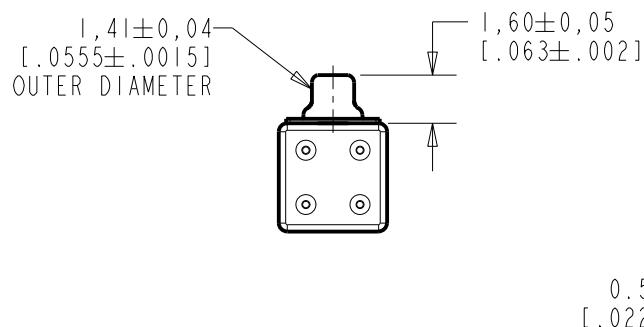
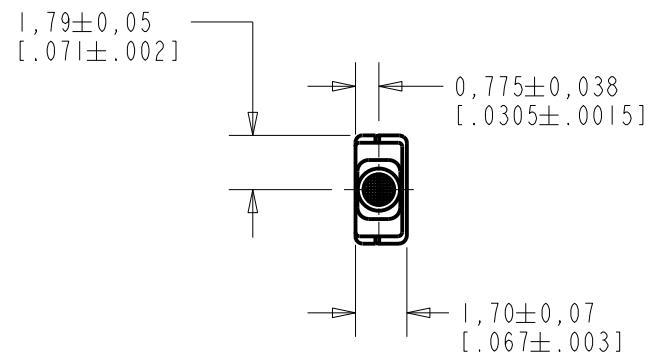


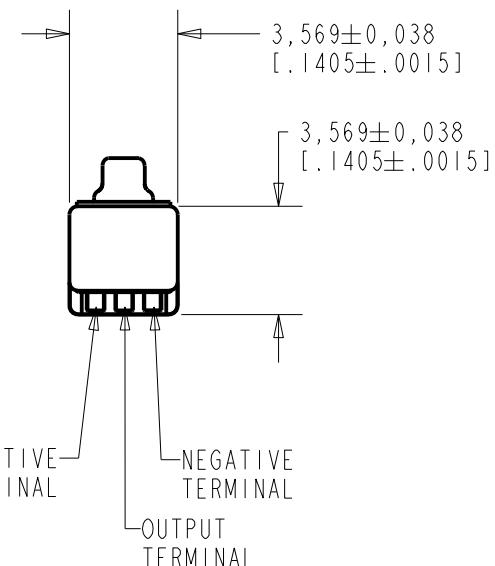
TM-24568-000

SHT 1.1



NOTE:

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



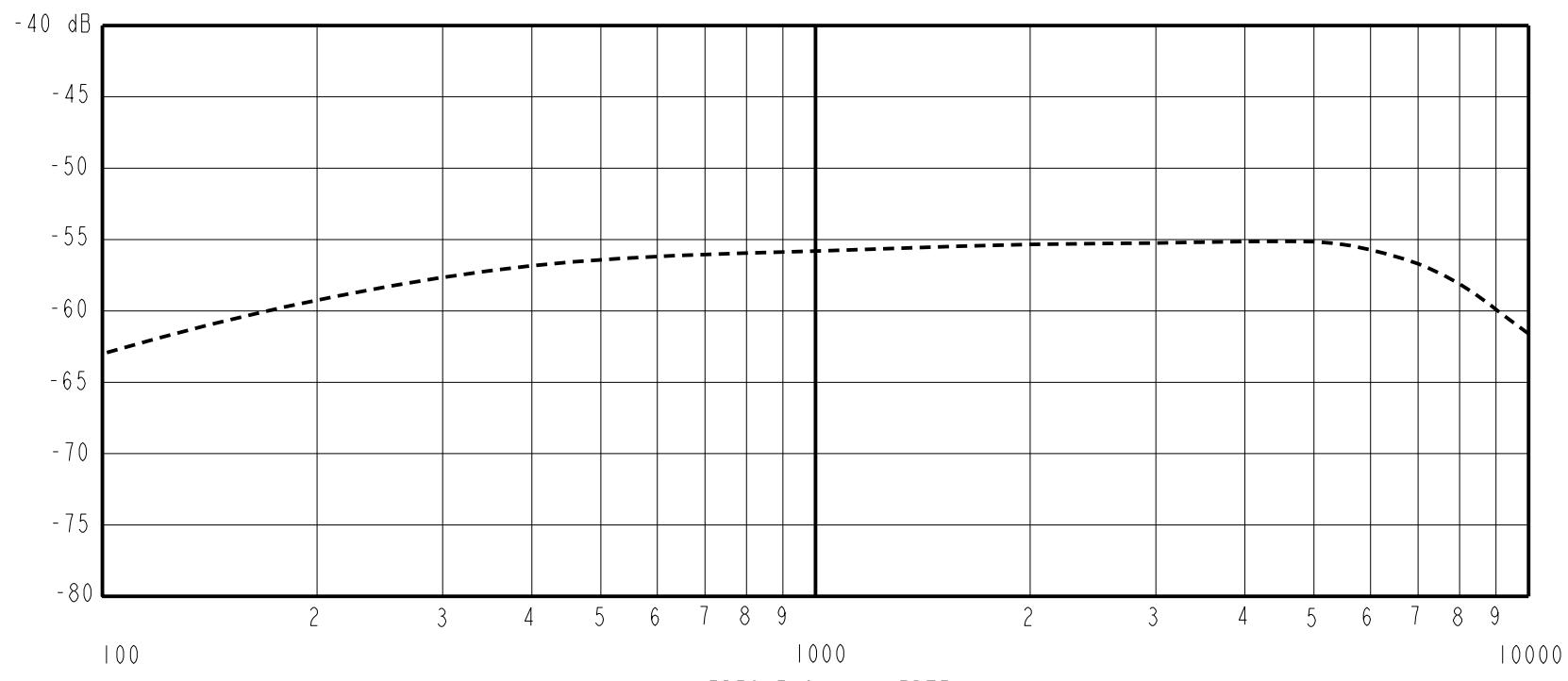
NOMINAL WEIGHT
.08 GRAMS

DIMENSIONS IN MILLIMETERS [INCHES]

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Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
H	M10105774	10-31-14	Active	H
G	M10105440	3-19-14		
SCALE:	4:1		DR. BY	DATE
DO NOT SCALE DRAWING			LSY	11-13-06
TITLE:	MICROPHONE	TM-24568-000	CK. BY	DATE
			GJP	11-22-06
		OUTLINE DRAWING	APP. BY	DATE
			GJP	11-22-06

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 LOCATIONS	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.
I2S	1.3V	50 μ A 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		

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

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

TITLE:	MICROPHONE	TM-24568-000	DR. BY LSY DATE 11-13-06
			CK. BY GJP DATE 11-22-06
			APP. BY GJP DATE 11-22-06

PERFORMANCE SPECIFICATION

SHT 2.1

Mouser Electronics

Authorized Distributor

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

Knowles:

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