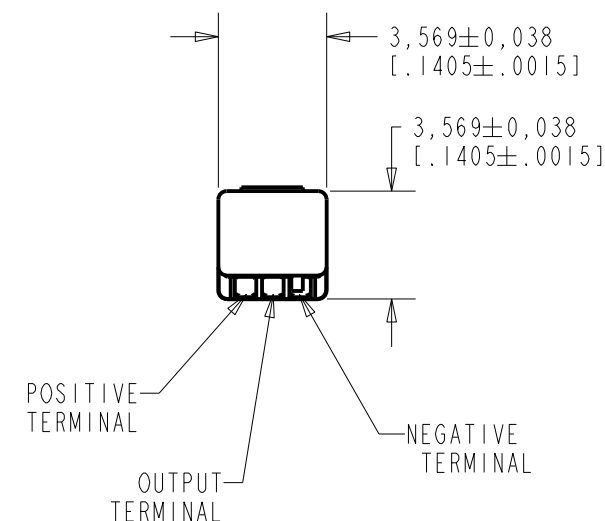
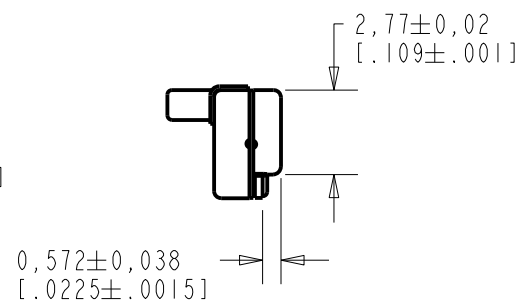
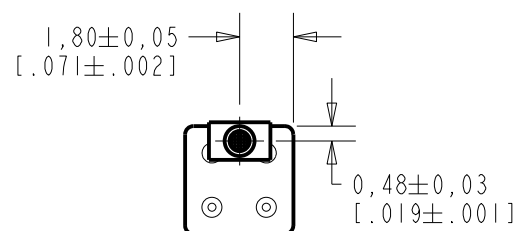
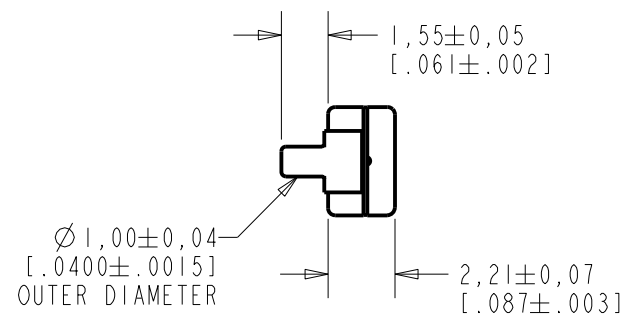


EM-27786-C56

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]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

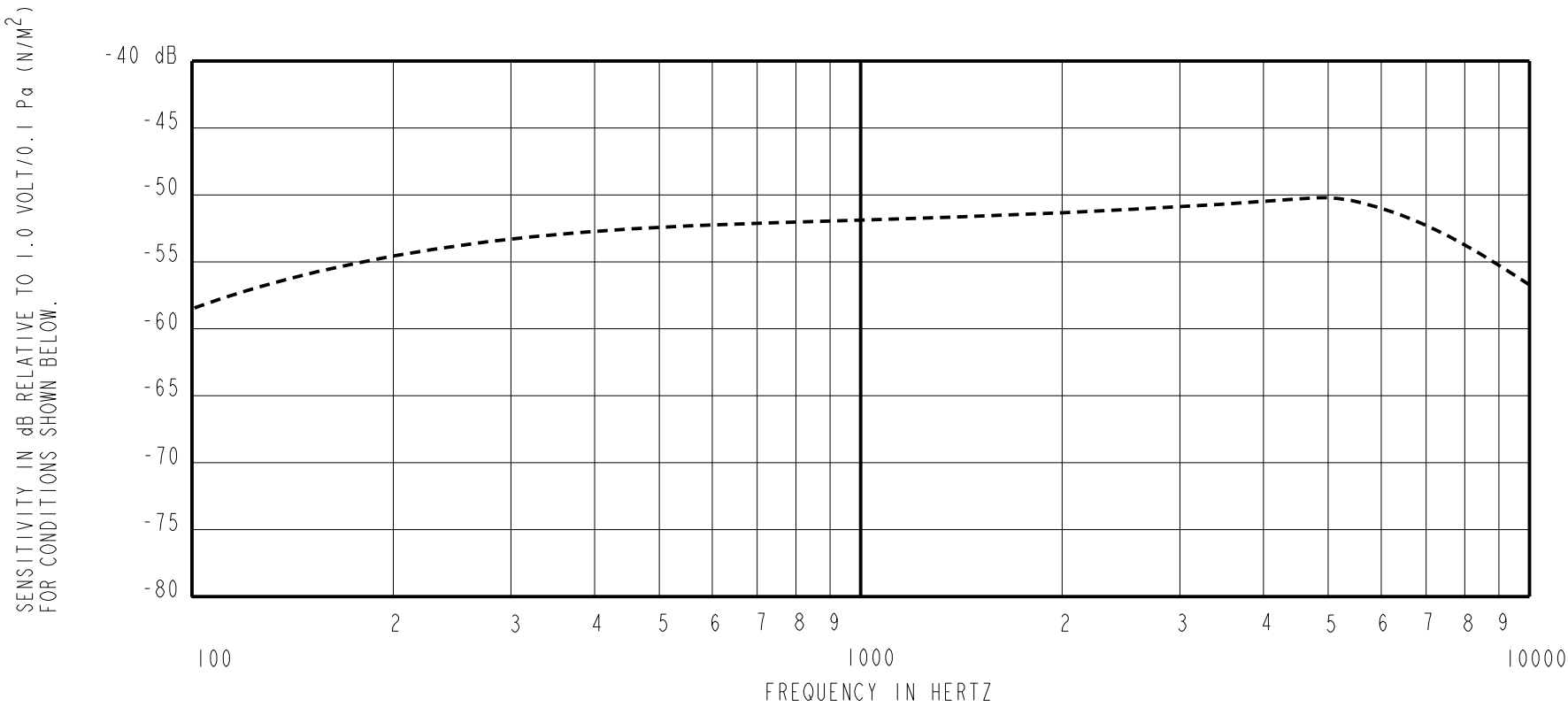
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
E	MI0105775	10-30-14	Active	E
D	MI0104239	7-12-11		
SCALE: 4:1			DR. BY DATE	
DO NOT SCALE DRAWING			MMM 12-27-05	
TITLE: MICROPHONE			CK. BY DATE	
OUTLINE DRAWING			GJP 1-2-06	
EM-27786-C56			APP. BY DATE	
SHT 1.1			GJP 1-2-06	

EM-27786-C56

SHT 1.1

KE111ASIZE.FRM

Rev: B



FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1KHz	
100	---	-58.5	---	-10.0	-3.0
1000	-53.0	-52.0	-51.0	0.0	0.0
≈ 4800	---	-51.5	---	-3.0	+4.0

- NOTES:
- 1. CASE CONNECTED 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 EQUIV. SPL)	OUTPUT IMPEDANCE OHMS		
					MIN.	NOM.	MAX.
I2KP	1.3V	50 µA MAX.	3 dB MAX.	27.0 dB MAX.	2800	4400	6800

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
E	M10105775	10-30-14	Active		E
D	M10104239	7-12-11			
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	
			MMM	12-27-05	
TITLE: MICROPHONE			CK. BY	DATE	
			GJP	1-2-06	
PERFORMANCE SPECIFICATION			APP. BY	DATE	
			GJP	1-2-06	
			EM-27786-C56		
			SHT 2.1		

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com