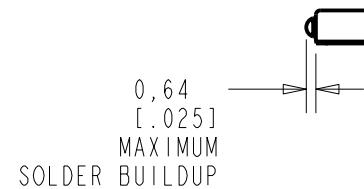
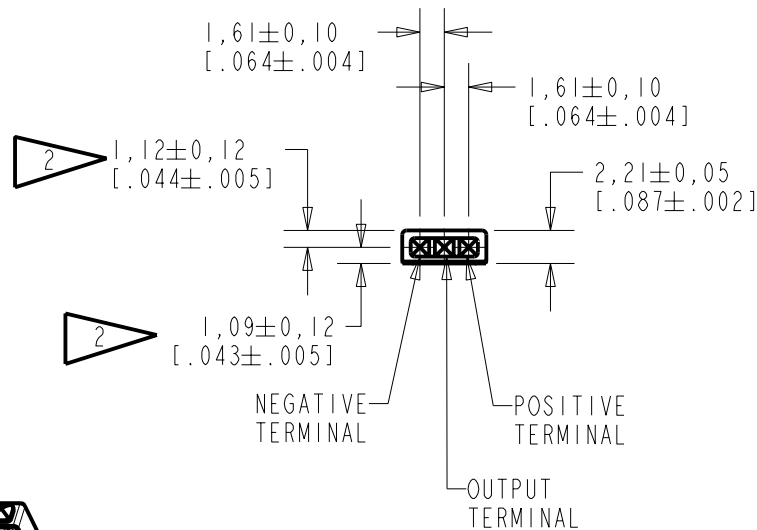
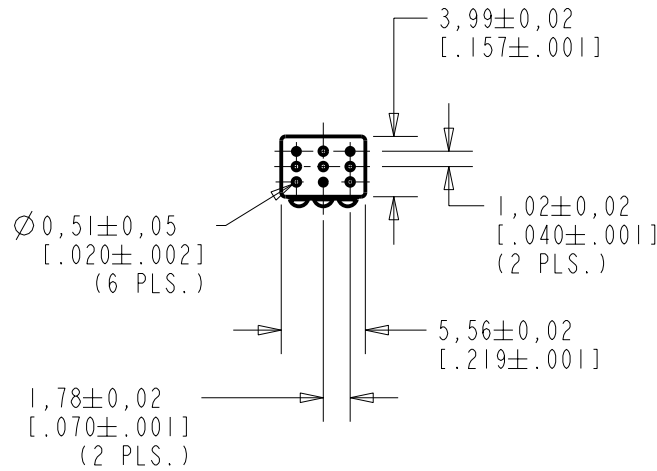


EK-23132-000
SHT 1.1

NOTE

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

2 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO $\pm 0,17$ [.007].



NOMINAL WEIGHT
.13 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

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Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101029	2-28-06	Released	A
SCALE: 2:1			DR. BY	DATE
DO NOT SCALE DRAWING			MMM	2-28-06
TITLE: MICROPHONE			CK. BY	DATE
OUTLINE DRAWING			GJP	3-22-06
EK-23132-000			APP. BY	DATE
SHT 1.1			GJP	3-22-06

NOTES:

1. CASE CONNECTED TO NEGATIVE TERMINAL.
2. MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
3. CONFORMS TO REQUIREMENTS SHOWN ON 'ELECTRET MICROPHONE ENVIRONMENTAL QUALIFICATIONS TEST, EK-PA SHEET 2.2' WITH REF. FREQ. OF 1000 Hz.
4. TYPICAL SENSITIVITY TO HUMIDITY AT 1000 Hz IS 0.02 dB/%RH.
5. 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			CAPACITANCE ±50%		
					MIN.	NOM.	MAX.	OUTPUT TO NEGATIVE	OUTPUT TO POSITIVE	POS. TO NEGATIVE
KA	1.3V	50 µA MAX.	3 dB MAX.	26.0 dB MAX.	2800	4400	6800	N/A	N/A	N/A

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	A
A	MI0101029	2-28-06		

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
 MMM 2-28-06

TITLE: **MICROPHONE** **EK-23132-000**
 PERFORMANCE SPECIFICATION **SHT 2.1**

CK. BY DATE
 GJP 3-22-06
 APP. BY DATE
 GJP 3-22-06

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[I04](#) [SBSGC5000102MXB](#) [FG-23329-C05](#) [5100-253444](#) [KAS-700-0148](#) [KAS-700-0150](#) [BK-21613-000](#) [BF-3163-000](#) [GU-32829-000](#) [2800-](#)
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[000](#) [BK-26824-000](#) [EM-24446-C36](#) [KAS-33100-0004](#) [SPH0642HT5H-1](#) [EC-27817-000](#) [ED-27305-000](#) [GV-32830-000](#)
[1812Y2K00472KXT](#) [2800-253788](#)