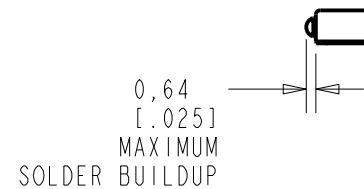
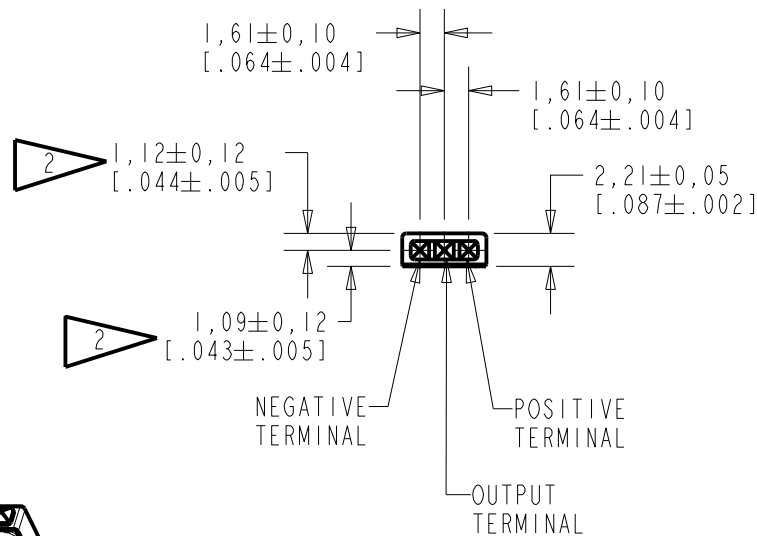
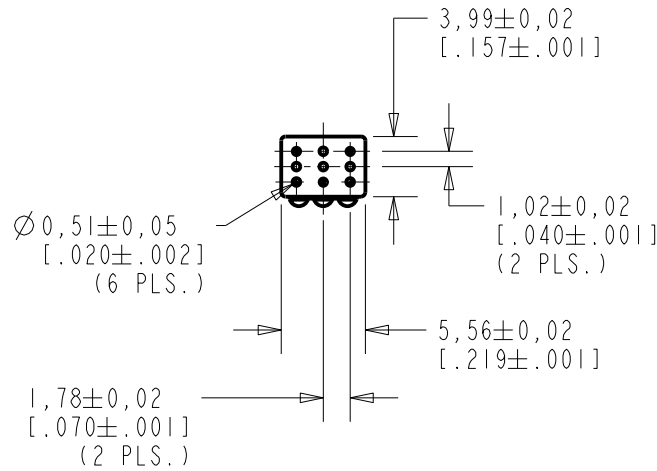


EK-23132-000
SHT 1.1

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
C	MI0105324	02-10-14	Active	C
B	MI0102358	12-19-08		
A	MI0101029	02-28-06		

SCALE:	2:1		DR. BY	DATE
DO NOT SCALE DRAWING			MMM	2-28-06
TITLE:	MICROPHONE	EK-23132-000	GJP	3-22-06
OUTLINE DRAWING		SHT 1.1	APP. BY	DATE
			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		
					MIN.	NOM.	MAX.
KA	1.3V	50 μ A MAX.	3 dB MAX.	26.0 dB MAX.	2800	4400	6800

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
C	MI0105324	02-10-14	Active	C
B	MI0102358	12-19-08		
A	MI0101029	02-28-06		

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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[130T](#) [CMC-6015-47P](#) [BCM9745P-44](#) [BCM9767-42](#) [254-ECM644-RO](#) [LD-MC-4011](#) [LD-MC-6027](#) [LD-MC-6035W](#) [LD-MC-9765P](#) [LD-](#)
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[GMI4015P-54DB](#) [GMI4015P-58DB](#) [GMI4022U-2C32DB](#) [GMI4022U-2C34DB](#)