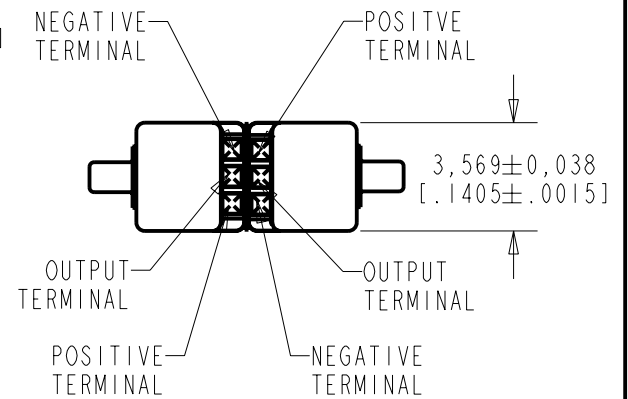
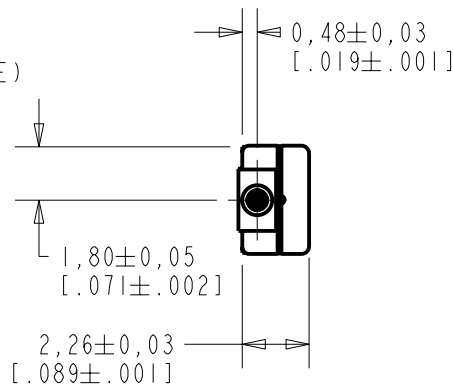
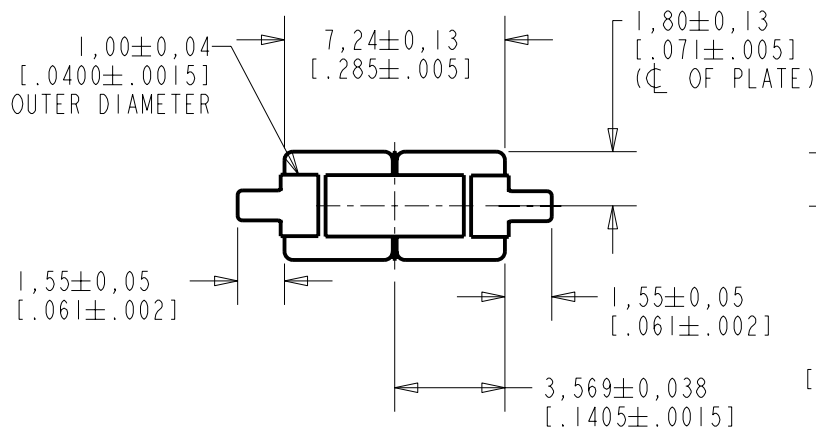
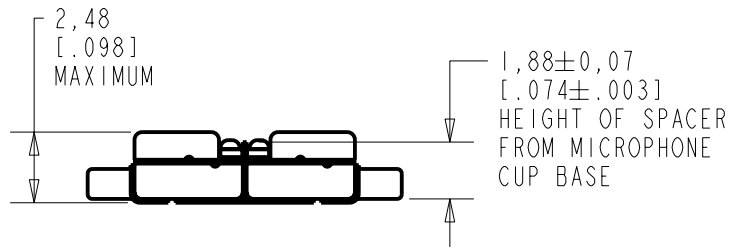


BEM-26783-D51
SHT 1.1



DIMENSIONS IN MILLIMETERS [INCHES]

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
G	MI0101733	11-26-07	Released	G

SCALE: 4:1		DR. BY: DATE
DO NOT SCALE DRAWING		MMM 6-28-05
TITLE: MICROPHONE		CK. BY: DATE
OUTLINE DRAWING		GJP 7-1-05
BEM-26783-D51		APP. BY: DATE
SHT 1.1		GJP 7-1-05

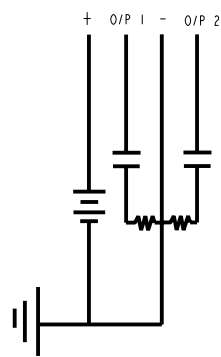
PAIR	CONSIST OF:
BEM-26783-D51	(2) BEM-26782-D51

BOTH MICROPHONES OF THE PAIR ARE TESTED TO BEM-26782-D51 2.1 SHEET AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATIONS AND CONDITIONS BELOW:

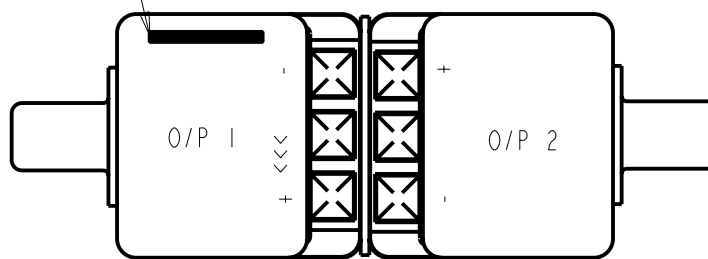
FREQUENCY	TEST TYPE	RANGE OF DEVIATION BETWEEN MICROPHONES	UNITS
500 Hz	SENSITIVITY	1.0 MAX.	dBV
200 Hz	PHASE	1.5 MAX.	DEGREES
2000 Hz	SENSITIVITY	1.0 MAX.	dBV
PEAK	SENSITIVITY (RE 1kHz SENSITIVITY)	1.5 MAX.	dBV
PEAK	FREQUENCY	250 MAX.	Hz

NOTES:

1. DC SUPPLY VOLTAGE .930 VOLTS.
2. TESTED WITH 26 kΩ LOAD AND 1μF CAPACITOR COUPLED TO THE OUTPUT. SEE SCHEMATIC.
3. SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.
4. LOADS AND CAPACITANCE FROM NOTE 2 MUST BE REMOVED PRIOR TO TESTING FOR IMPEDANCE.



<<< AND GREEN STRIP SHOW MICROPHONE WITH THE SMALLER RESONSE PHASE AT 200 Hz



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	G
G	MI0101733	11-26-07		

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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

TITLE: **MICROPHONE** **BEM-26783-D51**
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
MMM	6-28-05
CK. BY	DATE
GJP	7-1-05
APP. BY	DATE
GJP	7-1-05