



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PAIR	CONSIST OF:
EK-27405-000	(1) EK-27404-000 & (1) EK-27345-000

BOTH MICROPHONES OF THE PAIR ARE TESTED TO THEIR RESPECTIVE 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

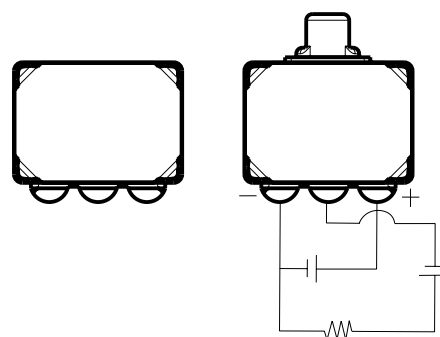
BUCKETS AS FOLLOWS:

- GROUP A: -52.0 dB TO -52.9 dB RE 1 V/MICROBAR
- GROUP B: -53.0 dB TO -53.9 dB RE 1 V/MICROBAR
- GROUP C: -54.0 dB TO -54.9 dB RE 1 V/MICROBAR
- GROUP D: -55.0 dB TO -55.9 dB RE 1 V/MICROBAR
- GROUP E: -56.0 dB TO -56.9 dB RE 1 V/MICROBAR
- GROUP F: -57.0 dB TO -57.9 dB RE 1 V/MICROBAR

SEE ALSO "PACKING & SHIPPING INSTRUCTIONS"

NOTES:

1. DC SUPPLY VOLTAGE 0.9 VOLTS.
2. SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.
3. TEST WITH 30kΩ LOAD AND 2.2μF CAPACITOR COUPLED TO THE OUTPUT. SEE SCHEMATIC.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	M10101547	8-20-07	Released	A

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

TITLE: **MICROPHONE PAIR** **EK-27405-000**
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
CRG	8-20-07
CK. BY	DATE
GJP	8-22-07
APP. BY	DATE
GJP	8-22-07