

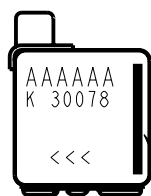
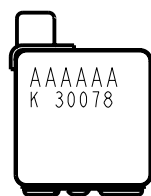
PAIR	CONSIST OF:
TO-30079-000	(2) TO-30078-000

BOTH MICROPHONES OF THE PAIR ARE TESTED TO TO-30078-000 SHT 2.1 AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATION 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 26kΩ LOAD AND 1 μF 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 INDICATES UNIT WITH SMALLER PHASE RESPONSE AT 200 Hz.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	M10101520	7-16-07	Released	B
A	M10101365	12-190-6		

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** **TO-30079-000**
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
MMM	12-19-06
CK. BY	DATE
GJP	12-19-06
APP. BY	DATE
GJP	12-19-06