

PAIR	CONSISTS OF:
EK-26698-D28	EK-23790-D27 (1) & EK-23791-D27 (1)

BOTH MICROPHONE OF THE PAIR ARE TESTED TO THEIR RESPECTIVE 2.1 SHEET AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATIONS AND CONDITIONS BELOW:

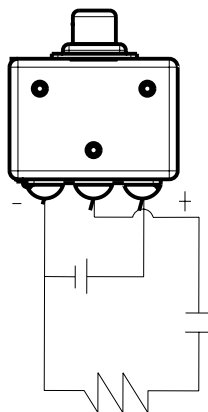
FREQ.	TEST TYPE	RANGE OF DEVIATION BETWEEN MICROPHONES	UNITS
200 Hz	PHASE	2.0 MAX.	DEGREES
500 Hz	SENS	1.0 MAX.	dBV

500 Hz SENSITIVITY GRADES:
GRADE

A	-51.00	-51.99
B	-52.00	-52.99
C	-53.00	-53.99
D	-54.00	-54.99
E	-55.00	-55.99
F	-56.00	-56.99

NOTES:

1. DC SUPPLY VOLTAGE 1.3 VOC.
2. TESTED WITH 26 kΩ LOAD AND 1 μF CAPACITOR COUPLED TO THE OUTPUT. SEE SCHEMATIC.
3. SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.



RED CONTROLLED

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
			Released	A
A	M10101584	9-17-07		
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
TITLE: MICROPHONE PAIR PERFORMANCE SPECIFICATION			LSY	9-17-07
			CK. BY	DATE
EK-26698-D28 SHT 2.1			GJP	9-18-07
			APP. BY	DATE
			GJP	9-18-07

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Dr.	By	Date	Subject:	MICROPHONE PAIR	Revision	A	Release Level	
Ch.	GJP	9-18-07			Released			
App.	GJP	9-18-07						

COL. 1	2	3	4	Item No.	Line No.
Part or Dwg. no.	Tot. Req.	Nomenclature:	Applicable Specs or Remarks		
EK-23790-D27	1	MICROPHONE ASSEMBLY		1	1
EK-23791-D27	1	MICROPHONE ASSEMBLY		2	2

RED CONTROLLED

REVISION	A	c.o. M10101584
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Sheet **4.1**

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REV: D