

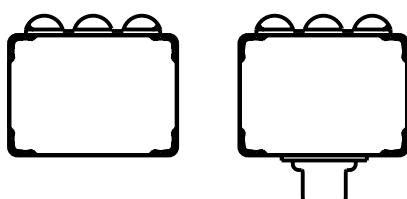
MATCHED PAIR
MICROPHONE

EK-28587-C77
SHEET 2.1

CONSISTS OF A MICROPHONE PAIR OF EK-28585-C77 AND EK-28586-C77 MATCHED TO GIVE A TIME DELAY BETWEEN MICROPHONES OF $20 \mu\text{s} \pm 3 \mu\text{s}$ ST 1500 Hz, $20 \mu\text{s} \pm 50 \mu\text{s}$ AT 200 Hz AND SENSITIVITY GRADED AT 1000 Hz AS SHOWN BELOW WITH DC SUPPLY 0.9 V LOAD 20 KOHMS.

GROUP A: -51.99 dB TO -51.00 dB RE I V/MICROBAR
 GROUP B: -52.99 dB TO -52.00 dB RE I V/MICROBAR
 GROUP C: -53.99 dB TO -53.00 dB RE I V/MICROBAR
 GROUP D: -54.99 dB TO -54.00 dB RE I V/MICROBAR
 GROUP E: -55.99 dB TO -55.00 dB RE I V/MICROBAR
 GROUP F: -57.99 dB TO -56.00 dB RE I V/MICROBAR

THE MICROPHONES OF EACH PAIR WILL BE WITHIN 2 dB SENSITIVITY BETWEEN 100 Hz AND 3 kHz, AND 1 dB AT 1 kHz.



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	M10101350	1-25-07	Released	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
				SDZ 1-25-07
				CK. BY DATE
				GJP 2-04-07
				APP. BY DATE
				GJP 2-04-07
TITLE: MICROPHONE PAIR		EK-28587-C77	SHT 2.1	
PERFORMANCE SPECIFICATION				

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

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