

| PAIR | CONSIST OF: |
|--------------|------------------|
| EM-30083-S11 | (2) EM-24446-S11 |
| | |

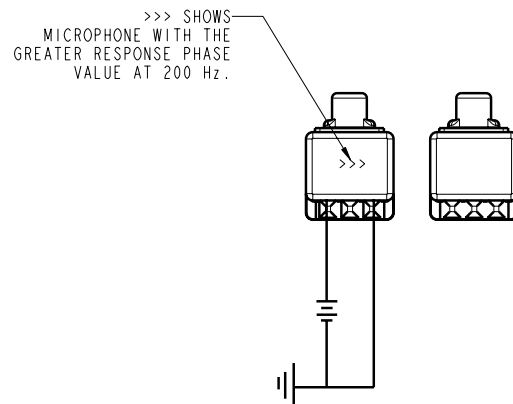
BOTH MICROPHONES OF THE PAIR ARE TESTED TO EM-24446-S11 SHT 2.1 AND THEN MATCHED TO THE OTHER MICROPHONE USING THE SPECIFICATION AND CONDITIONS BELOW:

| FREQUENCY | TEST TYPE | RANGE OF DEVIATION BETWEEN MICROPHONES | UNITS |
|-----------|------------------|--|---------|
| 200 Hz | PHASE | 2.0 MAX. | DEGREES |
| 1000 Hz | SENSITIVITY | 2.0 MAX. | dB |
| PEAK | FREQUENCY | 250.0 MAX. | Hz |
| PEAK | SENS (REL 1 kHz) | 1.5 MAX. | dB |

PORT LOCATION: 12S

NOTES:

1. DC SUPPLY VOLTAGE 1.3 VDC.
2. SENSITIVITY AND PHASE VALUES INDICATED ARE VALID AT 50% RH.
3. TEST WITH NO LOAD COUPLED TO THE OUTPUT TERMINAL. SEE SCHEMATIC.



| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
| | | | Released | A |
| A | M10101391 | 1-25-07 | | |

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
PERFORMANCE SPECIFICATION

EM-30083-S11
SHT 2.1

| DR. BY | DATE |
|---------|---------|
| LSY | 1-25-07 |
| CK. BY | DATE |
| GJP | 1-26-07 |
| APP. BY | DATE |
| GJP | 1-26-07 |