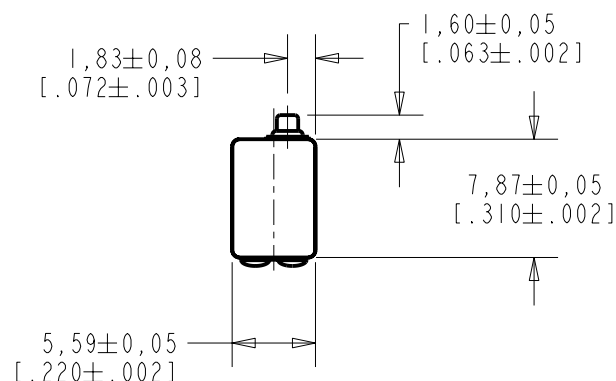


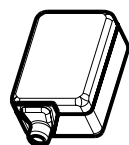
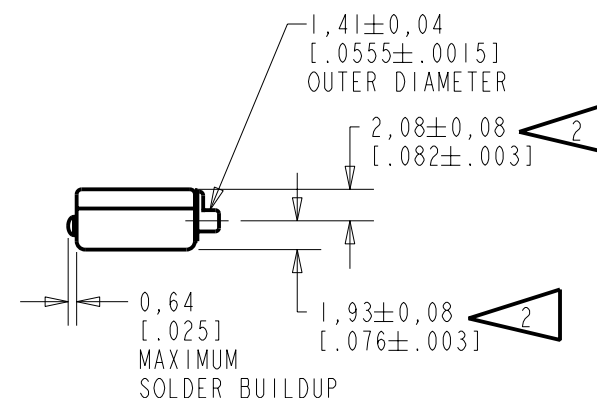
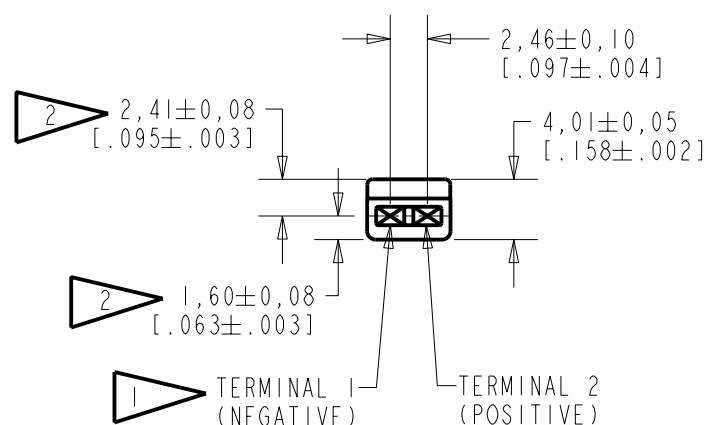
EF-26329-000

SHT 1.1



NOTES:

- 1 A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.
- 2 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO  $\pm 0,17$  [ $.007$ ].



NOMINAL WEIGHT  
.66 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

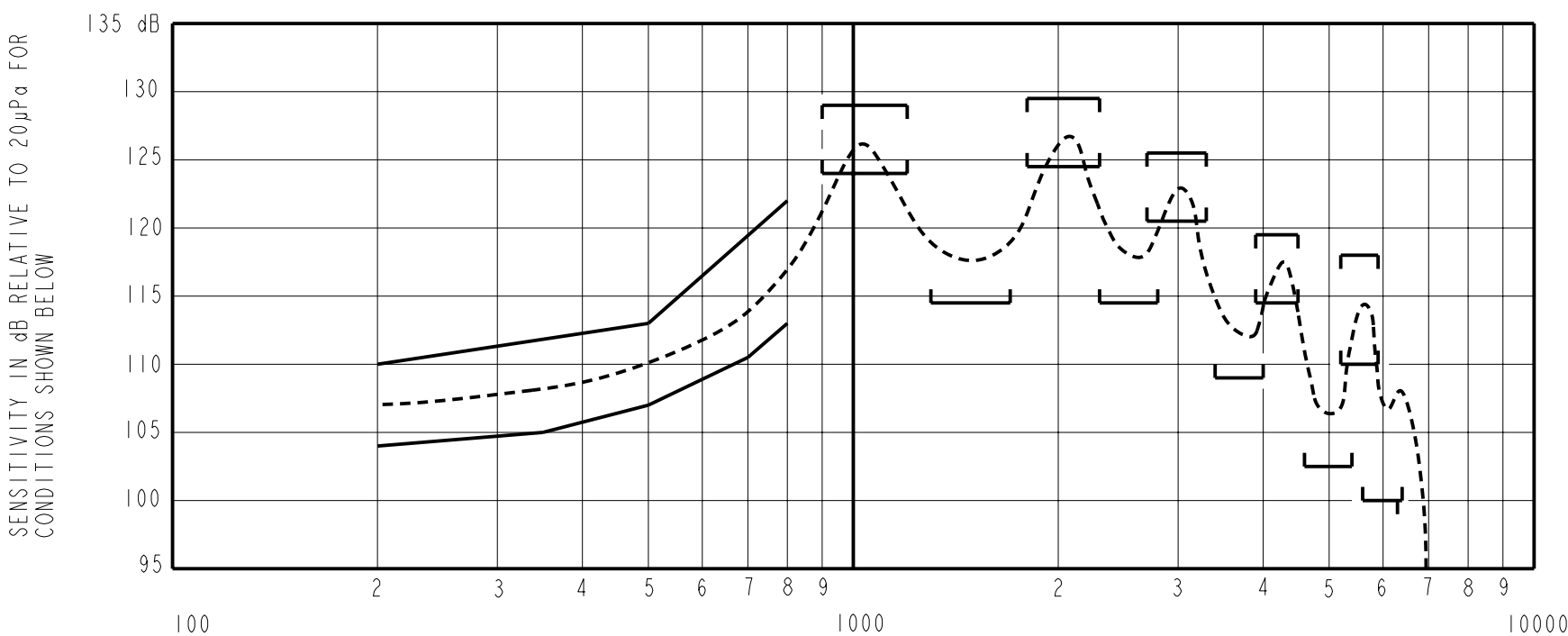
**KNOWLES ELECTRONICS**  
ITASCA, ILLINOIS U.S.A.

| Revision             | C.O. #    | Implementation Date | RELEASE LEVEL | REVISION |
|----------------------|-----------|---------------------|---------------|----------|
|                      |           |                     | Released      | A        |
| A                    | CI0103437 | 11-29-05            |               |          |
| SCALE: 2:1           |           |                     | DR. BY        | DATE     |
| DO NOT SCALE DRAWING |           |                     | MMM           | 11-29-05 |
| TITLE: RECEIVER      |           |                     | CK. BY        | DATE     |
| OUTLINE DRAWING      |           |                     | GJP           | 11-29-05 |
| EF-26329-000         |           |                     | APP. BY       | DATE     |
| SHT 1.1              |           |                     | GJP           | 11-29-05 |

NO DAMPING

EF-26329-000

SHEET 2.1



NOTES:

FREQUENCY IN HERTZ

1. MEASUREMENTS MADE USING 8mm (.315") X 1mm (.039") ID + 28mm (1.10") X 1.5mm (.059") ID EAR HOOK SIMULATOR INTO 25mm (.984") OF 2mm (.079") ID TUBE + 18mm (.709") OF 3mm (.118") ID TUBE + 2cm<sup>3</sup> CAVITY (AS IEC126). (T-2607 AND B & K DB0138).

2.

SENSITIVITY

| <u>FREQUENCY</u> | <u>MIN.</u> | <u>MAX.</u> |
|------------------|-------------|-------------|
| 200              | 104.0       | 110.0       |
| 350              | 105.0       | ---         |
| 500              | 107.0       | 113.0       |
| 700              | 110.5       | ---         |
| 800              | 113.0       | 122.0       |
| 900-1200         | 124.0       | 129.0       |
| 1300-1700        | 114.5       | ---         |
| 1800-2300        | 124.5       | 129.5       |
| 2300-2800        | 114.5       | ---         |
| 2700-3300        | 120.5       | 125.5       |
| 3400-4000        | 109.0       | ---         |
| 3900-4500        | 114.5       | 119.5       |
| 4600-5400        | 102.5       | ---         |
| 5200-5900        | 110.0       | 118.0       |
| <6300            | 100.0       | ---         |

3. RESPONSE, IMPEDANCE, AND DISTORTION MEASUREMENTS MADE USING THE ELECTRICAL TEST CONDITIONS SHOWN BELOW.

4. ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES 1KHz IMPEDANCE FOR TEST CONDITIONS SHOWN BELOW.

5. INDIVIDUAL SPECIFICATIONS.

| PORT<br>LOCATION | IMPEDANCE<br>OHMS ±15% |       | DCR<br>@20°C<br>OHMS<br>±10% | DISTORTION |            | ELECTRICAL TEST<br>CONDITIONS |          |
|------------------|------------------------|-------|------------------------------|------------|------------|-------------------------------|----------|
|                  | 1KHz                   | 500Hz |                              | MAX.<br>%  | FREQ<br>Hz | AC<br>mA RMS                  | DC<br>mA |
| IS               | 150                    | 64    | 35                           | 10         | 500        | 2.45                          | 0.00     |

| Revision                                       | C.O. #    | Implementation Date | RELEASE LEVEL                                                                                                                                                                                                |  | REVISION        |
|------------------------------------------------|-----------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|
|                                                |           |                     | Released                                                                                                                                                                                                     |  | A               |
|                                                |           |                     |                                                                                                                                                                                                              |  |                 |
| A                                              | CI0103437 | 11-29-05            |                                                                                                                                                                                                              |  |                 |
| KNOWLES ELECTRONICS<br>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 |  | DR. BY<br>DATE  |
|                                                |           |                     | RECEIVER<br>PERFORMANCE SPECIFICATION                                                                                                                                                                        |  | MM<br>11-29-05  |
|                                                |           |                     |                                                                                                                                                                                                              |  | CK. BY<br>DATE  |
|                                                |           |                     |                                                                                                                                                                                                              |  | GJP<br>11-29-05 |
|                                                |           |                     | EF-26329-000<br>SHT 2.1                                                                                                                                                                                      |  | APP. BY<br>DATE |
|                                                |           |                     |                                                                                                                                                                                                              |  | GJP<br>11-29-05 |

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