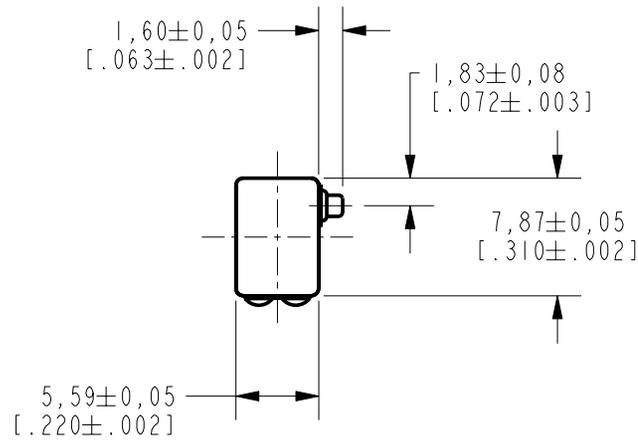


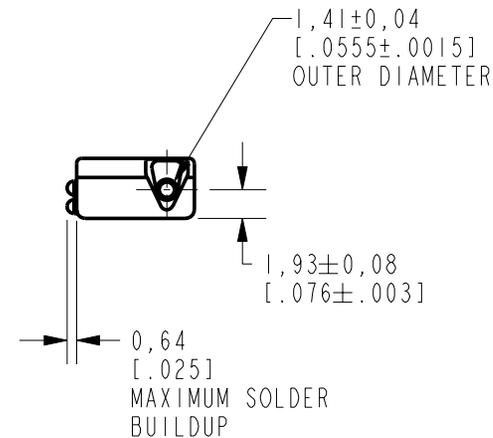
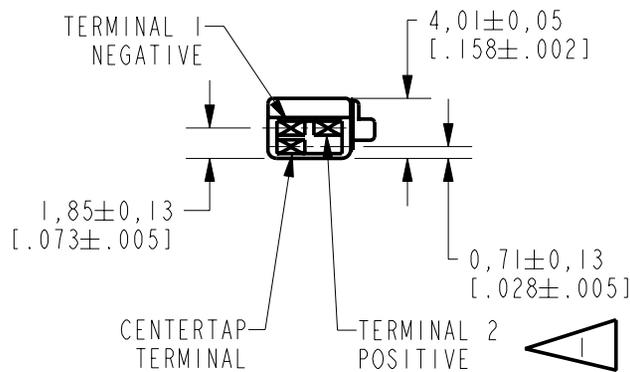
EF-28321-116
SHT 1.1



NOTES:



A POSITIVE GOING VOLTAGE AT TERMINAL 2, RELATIVE TO TERMINAL 1, CAUSES A DECREASE IN PRESSURE AT THE SOUND OUTLET.



NOMINAL WEIGHT
.66 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

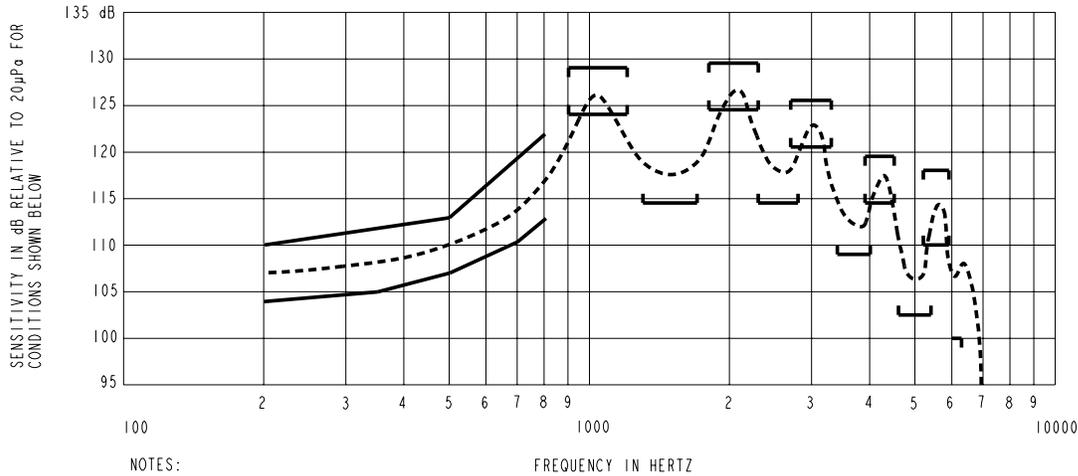
| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
| A | C10103438 | 8-24-06 | Released | A |

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

| | | |
|----------------------|-------------------------|---------------|
| SCALE: 2:1 | DR. BY: LSY | DATE: 8-24-06 |
| DO NOT SCALE DRAWING | CK. BY: GJP | DATE: 9-2-06 |
| TITLE: RECEIVER | APP. BY: GJP | DATE: 9-2-06 |
| OUTLINE DRAWING | EF-28321-116 SHT 1.1 | |

NO DAMPING

EF-28321-116
SHEET 2.1



NOTES:

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 + 2cm³ CAVITY (AS IEC126). (T-2607 AND B & K DB0138).

2. SENSITIVITY

| FREQUENCY | MIN. | MAX. |
|-----------|-------|-------|
| 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 | --- |

- RESPONSE, IMPEDANCE, AND DISTORTION MEASUREMENTS MADE USING THE ELECTRICAL TEST CONDITIONS SHOWN BELOW.
- ELECTRICAL SOURCE IMPEDANCE MUST BE GREATER THAN 20 TIMES 1KHz IMPEDANCE FOR TEST CONDITIONS SHOWN BELOW.
- INDIVIDUAL SPECIFICATIONS.

| PORT LOCATION | IMPEDANCE OHMS ±15% | | DCR @20°C OHMS ±10% | DISTORTION | | ELECTRICAL TEST CONDITIONS | |
|---------------|------------------------|-------|------------------------------|------------|---------|----------------------------|-------|
| | 1KHz | 500Hz | | MAX. % | FREQ Hz | AC mA RMS | DC mA |
| 2S | 1350 | 530 | 195 | 10 | 500 | 0.85 | 0.0 |

6. MAG RAD TEST (SUFFIX REQUIREMENT)
DRIVE MODULE WD261. FIXTURE: TK-2340
ORIENTATION: COVER DOWN
METER RANGE: 50µV
MAX LIMIT: 80 ON METER (40µV)
DRIVE: AS SPECIFIED ABOVE

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| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|----------|-----------|---------------------|---------------|----------|
| A | C10103438 | 8-24-06 | 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 |
| | | LSY | 8-24-06 |
| TITLE: RECEIVER | | CK. BY | DATE |
| PERFORMANCE SPECIFICATION | | GJP | 9-2-06 |
| EF-28321-116 | | APP. BY | DATE |
| SHT 2.1 | | GJP | 9-2-06 |