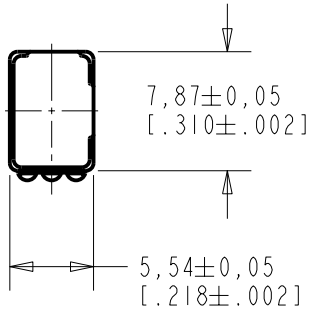
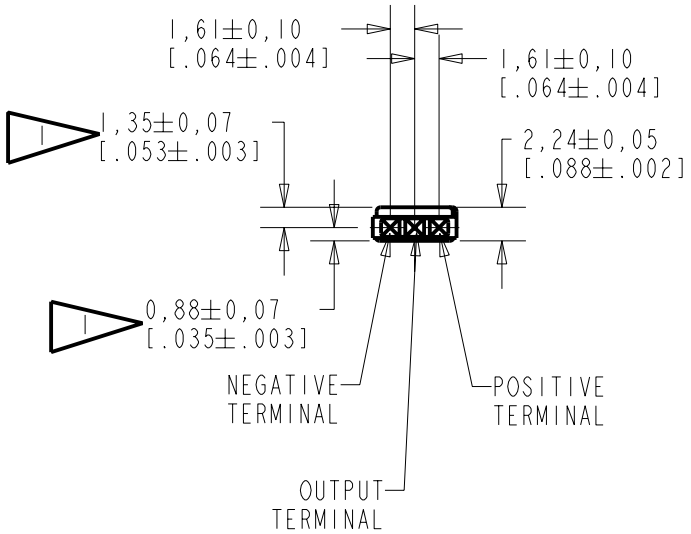
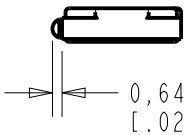
BU-27135-000
SHT 1.1

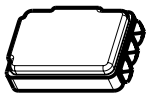



NOTES:

1. LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO ±0,17 [.007].



NOMINAL WEIGHT
.28 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|---|---|---|---|---|
| | | | Released | A |
| A | MI0101018 | 2-13-06 | | |

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

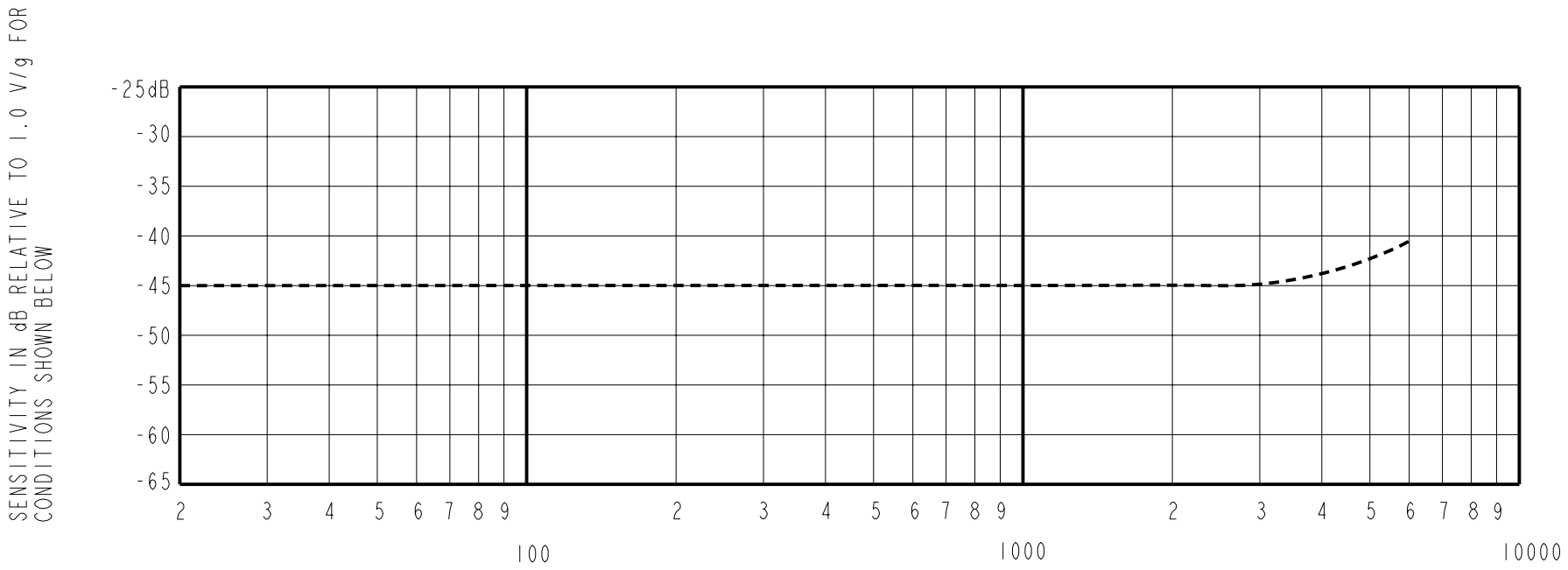
SCALE: 2:1

DO NOT SCALE DRAWING

TITLE: VIBRATION TRANSDUCER
OUTLINE DRAWING

BU-27135-000
SHT 1.1

| DR. BY | DATE |
|---|---|
| MMM | 2-13-06 |
| CK. BY | DATE |
| GJP | 2-15-06 |
| APP. BY | DATE |
| GJP | 2-15-06 |



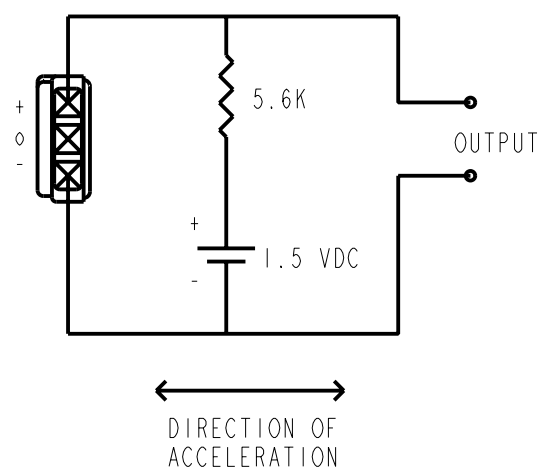

| FREQUENCY | SENSITIVITY MIN. | SENSITIVITY NOM. | SENSITIVITY MAX. | DEVICE CONFORMITY RANGE OF DEVIATION FROM 3 kHz | |
|---|---|---|---|---|---|
| 300 | --- | -45.0 | --- | -1.5 | +1.5 |
| 1000 | -49.5 | -45.0 | -40.5 | 0.0 | 0.0 |
| 3000 | --- | -44.5 | --- | -1.0 | +2.0 |

NOTES:

1. ALL DATA MEASURED WITH CIRCUIT CONFIGURATION SHOWN BELOW.

2. CASE CONNECTED TO NEGATVE TERMINAL.

| DC SUPPLY | BATTERY CURRENT DRAIN | "A" WEIGHTED NOISE (RE 1.0 VOLT) | OUTPUT IMPEDANCE OHMS (AT 1 kHz) | | |
|---|---|---|---|---|---|
| | | | MIN. | NOM. | MAX. |
| 1.5V | 0.3 mA MAX. | -103 dB MAX. | 4900 | 5200 | 5500 |




TEST CONDITIONS

| Revision | C.O. # | Implementation Date | RELEASE LEVEL | REVISION |
|---|---|---|---|---|
| | | | Released | A |
| A | M10101018 | 2-13-06 | | |

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: VIBRATION TRANSDUCER
PERFORMANCE SPECIFICATION

BU-27135-000
SHT 2.1

| DR. BY | DATE |
|---|---|
| MMM | 2-13-06 |
| CK. BY | DATE |
| GJP | 2-15-06 |
| APP. BY | DATE |
| GJP | 2-15-06 |