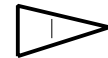
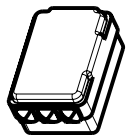
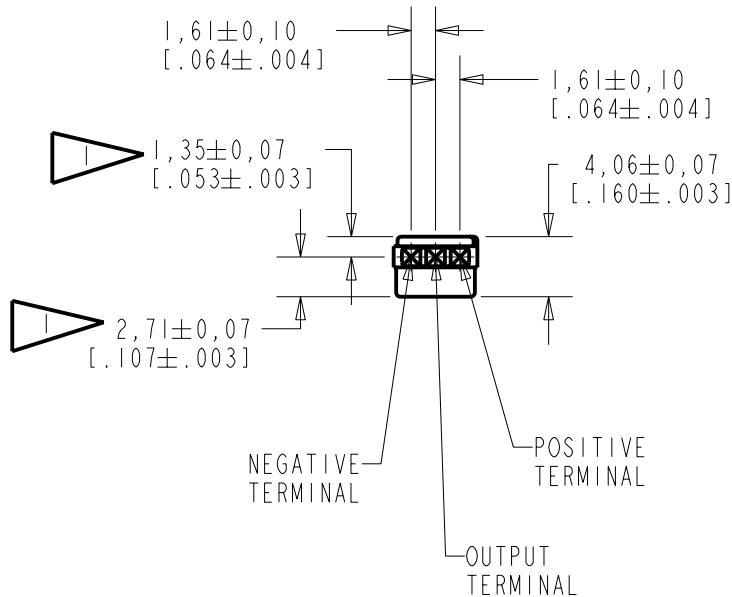


NOTE:  
 LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO  $\pm 0,17$  [0.007].



NOMINAL WEIGHT  
.28 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

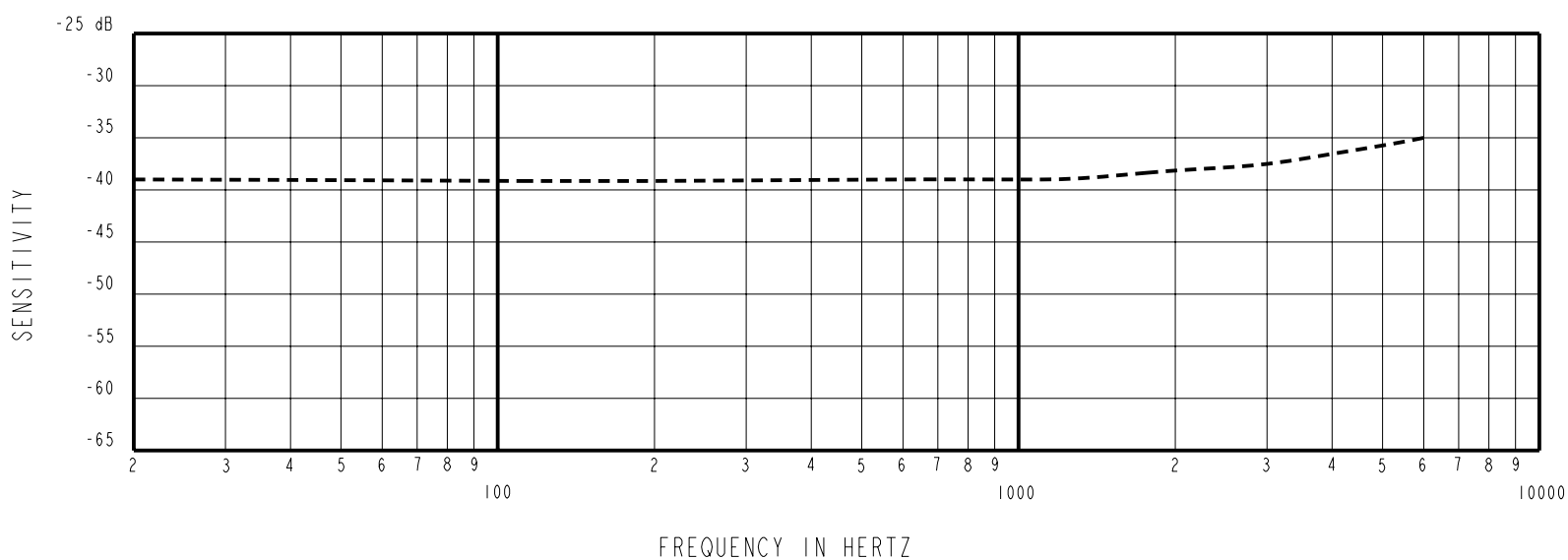
Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	MI0101513	6-26-07	Released	A

SCALE: 2:1		DR. BY	DATE
DO NOT SCALE DRAWING		LSY	6-26-07
TITLE: VIBRATION TRANSDUCER		CK. BY	DATE
OUTLINE DRAWING		GJP	6-27-07
BU-30179-000		APP. BY	DATE
SHT 1.1		GJP	6-27-07

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

NOTES:

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 VARIATIONS.



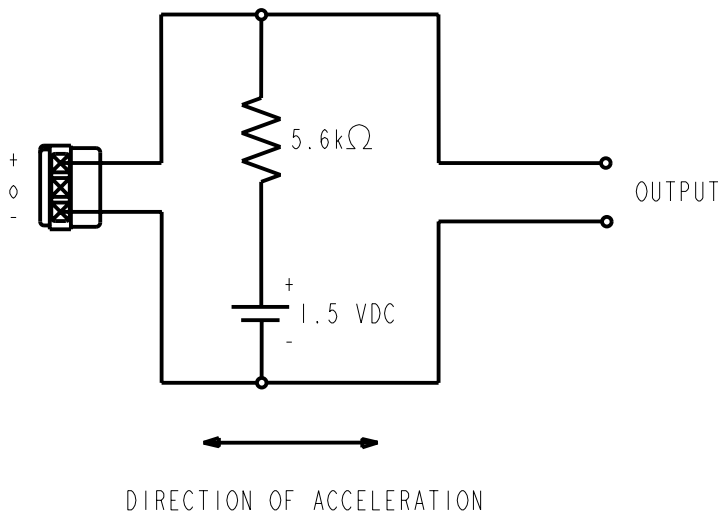
FREQUENCY	SENSITIVITY			DEVICE CONFORMITY	
	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1 kHz	
300	---	-39.0	---	-1.5	+1.5
1000	-43.5	-39.0	-34.5	0	0
3000	---	-37.5	---	-1.0	+2.0

NOTES:

1. ALL DATA MEASURED WITH CIRCUIT CONFIGURATION SHOWN BELOW.
2. CASE CONNECTED TO NEGATIVE TERMINAL.

DC SUPPLY	BATTERY CURRENT DRAIN	"A" WEIGHTED NOISE (RE 1.0V)	OUTPUT IMPEDANCE OHMS (AT 1 kHz)		
			MIN.	NOM.	MAX.
1.5 V	50 $\mu$ A MAX.	-103 dB MAX.	4900	5200	5500

3. TEST CONDITIONS:



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
A	M10101513	6-26-07	Released	A

**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** **BU-30179-000**  
PERFORMANCE SPECIFICATION **SHT 2.1**

DR. BY	DATE
LSY	6-26-07
CK. BY	DATE
GJP	6-27-07
APP. BY	DATE
GJP	6-27-07