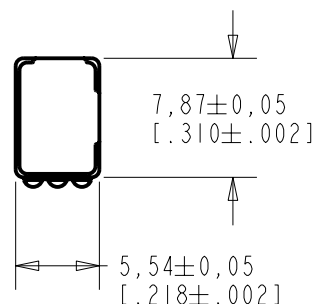


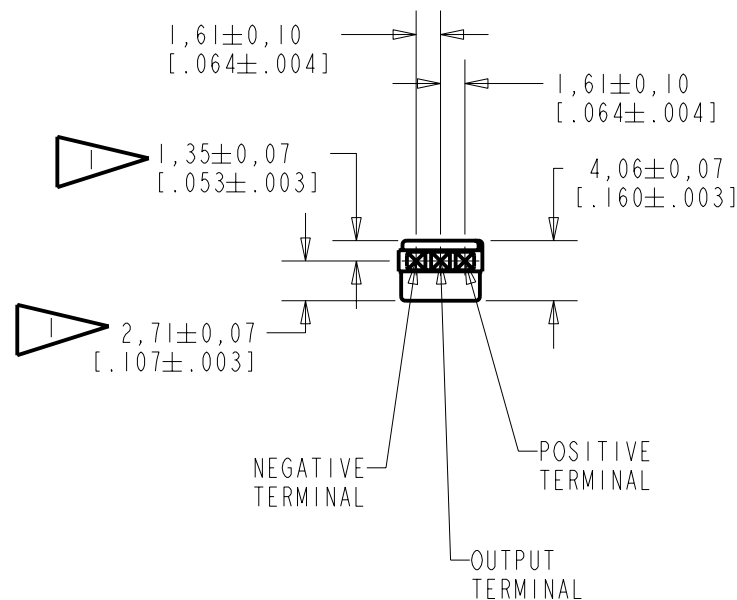
BU-23173-000

SHT 1.1

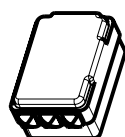


NOTE:

LOCATED FROM TWO SURFACES FOR CUSTOMER CONVENIENCE. ONLY APPLICABLE FROM ONE SURFACE, NOT TO BE USED TOGETHER. HORIZONTAL LOCATION FOR TERMINAL CENTERED TO ± 0.17 [0.007].



0.64 [0.025] MAXIMUM
SOLDER BUILDUP



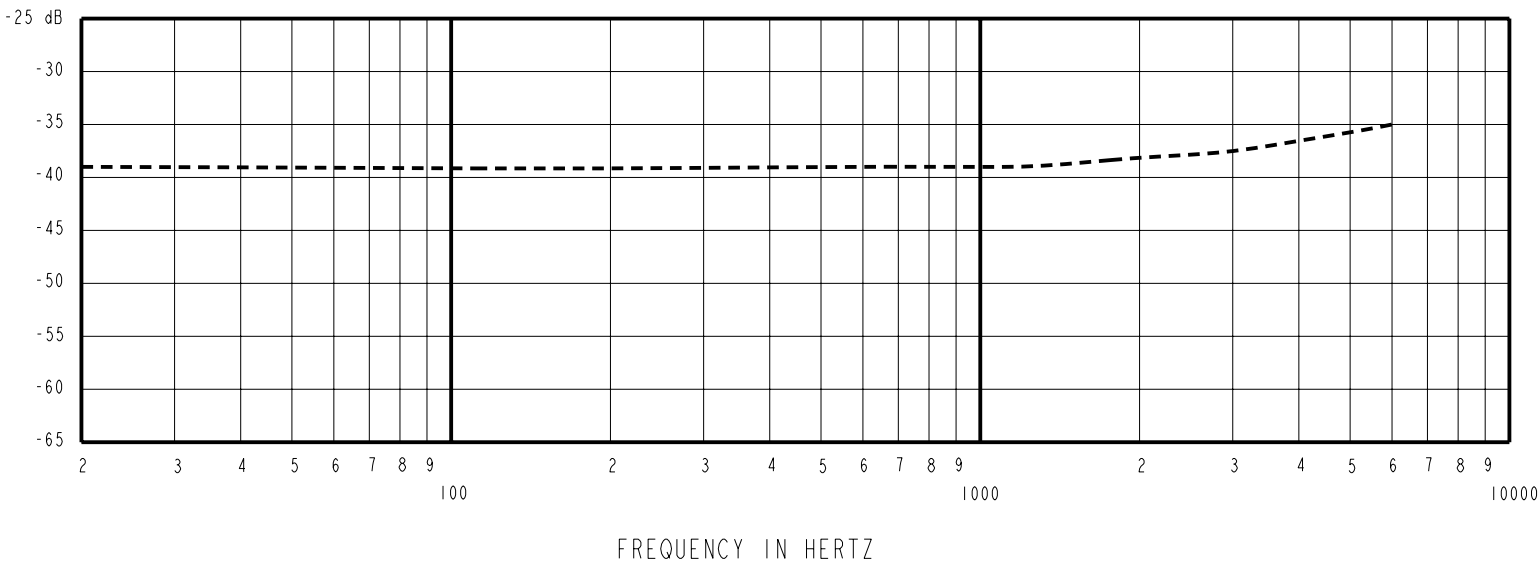
NOMINAL WEIGHT
.28 GRAM

DIMENSIONS IN MILLIMETERS [INCHES]

Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	MI0101515	7-16-07	Released	B
A	MI0101175	9-20-06		
SCALE: 2:1			DR. BY AB	DATE 9-20-06
DO NOT SCALE DRAWING			CK. BY GJP	DATE 9-25-06
TITLE: VIBRATION TRANSDUCER			APP. BY GJP	DATE 9-25-06
OUTLINE DRAWING			BU-23173-000 SHT 1.1	

KNOWLES ELECTRONICS
ITASCA, ILLINOIS U.S.A.

SENSITIVITY IN dB RELATIVE TO 1.0 VOLT/g
FOR CONDITIONS SHOWN BELOW



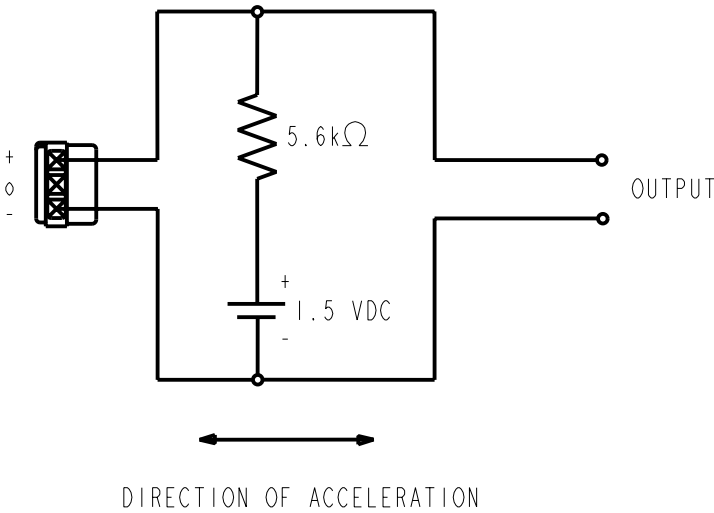
SENSITIVITY				DEVICE CONFORMITY	
FREQUENCY	MIN.	NOM.	MAX.	RANGE OF DEVIATION FROM 1 kHz	
300	---	-39.0	---	-1.5	+1.5
1000	-43.5	-39.0	-34.5	0	0
3000	---	-37.5	---	-1.0	+2.0

NOTES:

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

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

3. TEST CONDITIONS:



Revision	C.O. #	Implementation Date	RELEASE LEVEL	REVISION
B	M10101515	7-16-07	Released	B
A	M10101175	9-20-06		

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
			AB	9-20-06
TITLE: VIBRATION TRANSDUCER PERFORMANCE SPECIFICATION			CK. BY	DATE
			GJP	9-25-06
BU-23173-000 SHT 2.1			APP. BY	DATE
			GJP	9-25-06

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